حمل الآن

مجانا وحصريا

المراجعة رقم (1)

اختبار شهر فبراير





General Revision

First Choose the correct answer:

1. Which of the following is NOT equivalent to $\frac{15}{20}$?
   ($\frac{3}{4}$ or $\frac{30}{40}$ or $\frac{25}{100}$ or $\frac{9}{12}$)

2. The two like denominator fractions of $\frac{1}{4}$ and $\frac{1}{3}$ are ....
   ($\frac{3}{12}$ and $\frac{4}{12}$ or $\frac{2}{12}$ and $\frac{4}{12}$ or $\frac{9}{12}$ and $\frac{4}{12}$ or $\frac{9}{12}$ and $\frac{1}{12}$)

3. If $1\frac{7}{14} - k = 1$, then the value of k is ....
   ($\frac{8}{14}$ or $\frac{1}{2}$ or $\frac{5}{14}$ or $\frac{5}{7}$)

4. If $\frac{2}{7} + \frac{1}{21} = \frac{x}{7} + \frac{7}{21}$, then x = ... (4 or 6 or 7 or 12)

5. The LCM of the denominators of $\frac{1}{8}$ and $\frac{2}{3}$ is ....
   (6 or 12 or 24 or 36)

6. If $3\frac{2}{3} - b = 1$, then the value of b is .... (2 or $2\frac{2}{3}$ or 1 or $\frac{2}{3}$)

7. $\frac{28}{3}$ .... $9\frac{1}{3}$ (> or < or = or Otherwise)

8. $1\frac{1}{8}$ days = ... hours. (24 or 8 or 27 or 18)

9. Which of the following is equivalent to $\frac{15}{60}$? ($\frac{1}{4}$ or $\frac{3}{6}$ or $\frac{1}{3}$ or $\frac{2}{3}$)

10. $\frac{16}{48}$ = ... (In the simplest form) ($\frac{8}{24}$ or $\frac{4}{12}$ or $\frac{2}{6}$ or $\frac{1}{3}$)

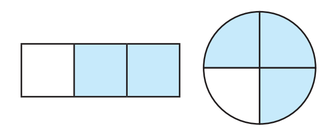
11. If $m + 2\frac{1}{3} = 5\frac{5}{6}$, then m = ... ($3\frac{4}{6}$ or $3\frac{1}{3}$ or $3\frac{1}{2}$ or $3\frac{1}{4}$)

12. 80 minutes = ... hours. ($1\frac{1}{2}$ or $1\frac{1}{3}$ or $1\frac{1}{4}$ or $1\frac{1}{6}$)

13. $\frac{5}{7} - \frac{5}{14} =$ .... $\left(\frac{5}{14}\right.$ or $\frac{13}{14}$ or $\frac{8}{21}$ or $\left.\frac{8}{14}\right)$

14. $7\frac{35}{40} - 3\frac{4}{5} =$ .... $\left(4\frac{3}{40}\right.$ or $4\frac{31}{40}$ or $8\frac{33}{40}$ or $\left.4\frac{29}{45}\right)$

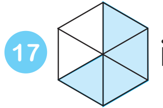
15. The two like denominator fractions representing the opposite models are ....

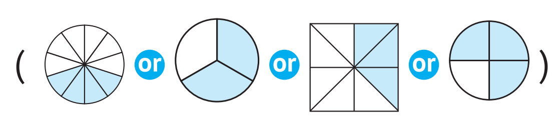


$\left(\frac{3}{4}\right.$ and $\frac{1}{3}$ or $\frac{6}{8}$ and $\frac{2}{8}$ or $\frac{8}{12}$ and $\frac{9}{12}$ or $\frac{9}{12}$ and $\left.\frac{4}{8}\right)$

16. Which of the following is equivalent to the pair of fractions $\frac{5}{8}$ and $\frac{1}{4}$ using the LCM of their denominators?

$\left(\frac{20}{24}\right.$ and $\frac{6}{24}$ or $\frac{10}{16}$ and $\frac{4}{16}$ or $\frac{5}{8}$ and $\frac{2}{8}$ or $\frac{40}{48}$ and $\left.\frac{12}{48}\right)$

17.  is equivalent to ....

()

18. $\frac{3}{4} + \frac{4}{5} =$ .... $\left(\frac{7}{9}\right.$ or $\frac{7}{20}$ or $1\frac{11}{20}$ or $\left.\frac{12}{20}\right)$

19. $2\frac{3}{5} + 1\frac{4}{5} =$ .... $\left(3\frac{7}{10}\right.$ or $4\frac{2}{5}$ or $1\frac{1}{5}$ or $\left.2\frac{7}{5}\right)$

20. If $5\frac{2}{7} + k = 6\frac{5}{7}$, then $k =$ .... $\left(11\frac{7}{7}\right.$ or $1\frac{3}{7}$ or $4\frac{3}{7}$ or $\left.5\frac{1}{7}\right)$

21. $1 - \frac{1}{3} - \frac{1}{5} =$ .... $\left(\frac{7}{20}\right.$ or $\frac{7}{15}$ or $\frac{12}{17}$ or $\left.\frac{5}{8}\right)$

22. (circle model) − (circle model) = ... $\left(\frac{1}{4}\right.$ or $\frac{1}{2}$ or $\frac{1}{8}$ or $\left.\frac{5}{8}\right)$

23. $\frac{5}{7} - \frac{\ldots\ldots}{\ldots\ldots} = \frac{4}{7}$ $\left(\frac{1}{7}\right.$ or $\frac{4}{7}$ or $\frac{5}{7}$ or $\left.\frac{6}{7}\right)$

24. $2\frac{3}{5} +$ .... $= 4\frac{1}{4}$ $\left(1\frac{13}{20}\right.$ or $1\frac{1}{4}$ or $1\frac{4}{5}$ or $\left.1\frac{2}{5}\right)$

25. $2\frac{1}{2}$ hours = ... minutes. (150 or 120 or 130 or 140)

26. $\frac{2}{6} + \frac{1}{6} + \frac{4}{6} + \frac{5}{6} =$ .... (4 or 1 or 2 or 3)

27. $\frac{17}{3}$ is equivalent to .... ($3\frac{1}{6}$ or $7\frac{1}{2}$ or $3\frac{2}{5}$ or $5\frac{2}{3}$)

28. $2\frac{1}{3}$ can be regrouped as .... ($1\frac{4}{3}$ or $\frac{3}{7}$ or $1\frac{2}{3}$ or 7)

29. If $2\frac{5}{8} = 2\frac{x}{40}$, then $x =$ .... (25 or 37 or 40 or 5 × 8)

30. [6 boxes, 4 shaded] + [6 boxes, 2 shaded] = ... ($\frac{1}{3}$ or $\frac{3}{4}$ or 1 or $\frac{5}{6}$)

31. $\frac{4}{5} - \frac{3}{4} =$ .... ($\frac{7}{9}$ or $\frac{1}{20}$ or $1\frac{11}{20}$ or $\frac{12}{20}$)

32. $1\frac{2}{5} + 2\frac{3}{5} =$ .... (5 or 6 or 4 or $\frac{35}{10}$)

Second Complete the following:

1. $\frac{12}{48} =$ .... (In the simplest form)

2. The LCM of the denominators of $\frac{5}{10}$ and $\frac{3}{4}$ is ....

3. $\frac{3}{8} + \frac{1}{2} =$ ....

4. $\frac{5}{6} - \frac{1}{4} =$ ....

5. $1\frac{1}{4}$ minutes = ... minutes, ... seconds.

6. $\frac{5}{6} +$ .... = 1

7. $1\frac{5}{3} =$ .... $\frac{\dots\dots}{\dots\dots}$

8. 30 months = ... years.

9. $1 - \ldots\ldots = \frac{3}{7}$

10. $3\frac{5}{8} = \frac{\ldots}{\ldots}$ (Improper fraction)

11. The smallest common denominator of $\frac{1}{3}$ and $\frac{3}{5}$ is ....

12. $\frac{1}{6} + \frac{11}{12} + \frac{1}{3} = \ldots\ldots$

13. $\frac{7}{10} - \frac{9}{20} + \frac{1}{5} = \ldots\ldots$

14. If $V + 3\frac{2}{3} = 8\frac{1}{6}$, then $V = \ldots\ldots$.

15. If $g - 1\frac{3}{4} = 7\frac{3}{4}$, then $g = \ldots\ldots$.

16. $9\frac{1}{4} - \ldots\ldots = 3\frac{3}{4}$

17. $\frac{3}{4}$ year = ... months.

18. 150 seconds = ... minutes.

19. If $x + 5\frac{1}{2} = 7\frac{3}{4}$, then $x = \ldots\ldots$.

20. 80 minutes = ... hours. (As a mixed number)

21. If $\frac{5}{7} = \frac{a}{35}$, then $a = \ldots\ldots$.

22. $\frac{24}{28} = \frac{\ldots}{7}$

23. $2\frac{3}{5} + 1\frac{4}{5} = \ldots\ldots$ (In the simplest form)

24. The LCM of the denominators of $\frac{1}{3}$ and $\frac{5}{12}$ is ....

25. If $\frac{2}{5} - y = \frac{1}{3}$, then $y =$ ………………… .

26. $\frac{1}{2} - \frac{2}{6} =$ ……………………

27. The simplest form of $\frac{6}{8}$ is ………………… .

28. $1 - \frac{2}{7} =$ …………………

29. $7 - 2\frac{3}{5} =$ …………………

30. $2\frac{1}{4} + 2\frac{3}{4} =$ …………………

31. If $x + 2\frac{1}{7} = 6\frac{4}{7}$, then $x =$ ………………… .

32. $3\frac{1}{8} + 2\frac{1}{3} =$ …………………

33. $7\frac{3}{8} +$ ………………… $= 9\frac{1}{4}$

34. $3\frac{3}{4} + 9\frac{5}{12} =$ ………………… (In the simplest form)

35. $6\frac{1}{2}$ years = ………………… years and ………………… months.

Third Find the result. Simplify your answer if possible:

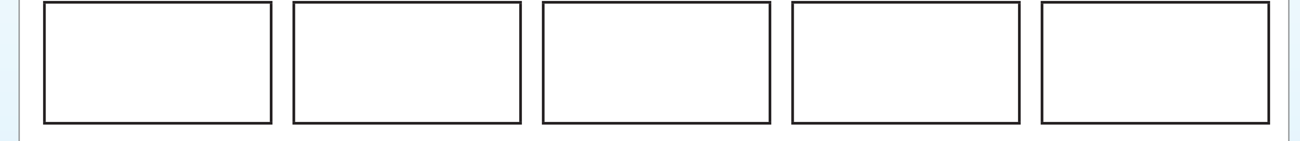
1. $\frac{3}{8} + \frac{3}{4} =$ …………………

2. $3\frac{4}{5} + 2\frac{1}{2} =$ …………………

3. $\frac{5}{6} - \frac{2}{3} =$ …………………

4. $5\frac{3}{4} - 2\frac{5}{6} =$ …………………

5. Use an area model to add: $2\frac{3}{4} + 1\frac{1}{2} =$ ………………… .



Fourth

Solve the following story problems:

1. Omnia purchases $\frac{8}{9}$ kilograms of fava beans. She uses $\frac{3}{4}$ kg of the fava beans to make falafel. How many kilograms of fava beans are left?

   ....

   ....

2. Osman expected his assignment to take $\frac{4}{5}$ of an hour. He completed it in $\frac{3}{4}$ of an hour. In how many fewer minutes did Osman complete his assignment than he expected?

   ....

   ....

3. Gehad mixes $\frac{1}{2}$ liter of blue paint with $\frac{3}{4}$ L of red paint to make a shade of purple paint. How many liters of purple paint does Gehad make?

   ....

   ....

4. Manal has $2\frac{1}{2}$ hours to complete her schoolwork. She finishes her math homework in $\frac{3}{4}$ of an hour. How much time remains for the rest of her schoolwork?

   ....

   ....

5. A baker has $\frac{3}{4}$ kg of flour. He used $\frac{1}{2}$ kg. How much kg of flour was left?

   ....

   ....

6. Ali has 12 balls; $\frac{1}{4}$ of them are blue, $\frac{1}{3}$ are green, $\frac{1}{3}$ are yellow, and the remaining are white. What is the number of white balls?

....

....

7. A road is 10 km long. If $4\frac{5}{7}$ km is paved, how many kilometers aren't paved?

....

....

8. Ahmed spends $1\frac{1}{10}$ hours in studying Science and 20 minutes more in studying Math. How many minutes does he spend to study the two subjects together?

....

....

9. Mona spends $\frac{1}{2}$ of her money to buy candy and $\frac{1}{3}$ of it to buy toys. What fraction of her money is left?

....

....

10. A school flower garden consists of $\frac{3}{8}$ sunflower and $\frac{1}{3}$ jasmine. The rest of the garden is filled with roses. What fraction of the school garden has roses?

....

....

11 Marwan studied Math for $1\frac{1}{3}$ hours and Science for 80 minutes. How many hours did Marwan study in all?

....

....

12 Mark studied Math for 90 minutes and Science for 60 minutes. How many hours did Mark study in all?

....

....

13 Mohamed studied Math for $1\frac{1}{2}$ hours and Science for 30 minutes. How many hours did Mohamed study in all?

....

....

14 Karim walked $2\frac{1}{5}$ km and Murad walked $1\frac{1}{3}$ km more. What distance did Murad walk?

....

....

Model Exams

Model 1

First Choose the correct answer:

1. Which of fraction is equivalent to $\frac{12}{18}$? ($\frac{1}{4}$ or $\frac{3}{6}$ or $\frac{1}{3}$ or $\frac{2}{3}$)

2. [circle divided into 8 parts] − [circle divided into 5 parts] = ... ($\frac{1}{4}$ or $\frac{1}{2}$ or $\frac{1}{8}$ or $\frac{5}{8}$)

3. $\frac{3}{4} + \frac{3}{5}$ = ... ($\frac{7}{9}$ or $1\frac{7}{20}$ or $1\frac{11}{20}$ or $\frac{12}{20}$)

4. $1\frac{1}{3}$ days = ... hours. (24 or 8 or 32 or 18)

Second Complete the following:

1. $1 -$ .... $= \frac{3}{7}$

2. $7\frac{3}{8} +$ .... $= 9\frac{1}{4}$

3. $3\frac{3}{4} + 9\frac{5}{12}$ = ... (In the simplest form)

4. $2\frac{1}{4}$ minutes = ... minutes, ... seconds.

Third Essay question:

Gehad mixes $\frac{1}{2}$ liter of blue paint with $\frac{3}{4}$ L of red paint to make a shade of purple paint. How many liters of purple paint does Gehad make?

....

....

Model 2

First Choose the correct answer:

1. 90 minutes = ... hours. $\left(1\frac{1}{2}\text{ or }1\frac{1}{3}\text{ or }1\frac{1}{4}\text{ or }\frac{1}{6}\right)$

2. $1 - \frac{1}{3} - \frac{1}{5} =$ .... $\left(\frac{7}{20}\text{ or }\frac{7}{15}\text{ or }\frac{12}{17}\text{ or }\frac{5}{8}\right)$

3. $\frac{4}{5} - \frac{1}{4} =$ .... $\left(\frac{7}{9}\text{ or }\frac{11}{20}\text{ or }1\frac{11}{20}\text{ or }\frac{12}{20}\right)$

4. $\frac{25}{3}$ .... $9\frac{1}{3}$ (> or < or = or Otherwise)

Second Complete the following:

1. $\frac{5}{6} - \frac{1}{4} =$ ....

2. $\frac{24}{28} = \frac{\dots\dots}{7}$

3. If $x + 2\frac{1}{7} = 6\frac{4}{7}$, then $x =$ ....

4. $1\frac{2}{3}$ years = ... months.

Third Essay questions:

1. Use an area model to add: $2\frac{3}{4} + 1\frac{1}{2} =$ ....



2. Omnia purchases $\frac{8}{9}$ kilograms of fava beans. She uses $\frac{1}{2}$ kg of the fava beans to make falafel. How many kilograms of fava beans are left?

....

....

Model 3

First Choose the correct answer:

1. The smallest like denominator of $\frac{3}{4}$ and $\frac{1}{3}$ is ....

   (20 or 12 or 10 or 40)

2. Which of the following is NOT equivalent to $\frac{15}{20}$?

   ($\frac{3}{4}$ or $\frac{30}{40}$ or $\frac{25}{100}$ or $\frac{9}{12}$)

3. + = ...

   ($\frac{1}{3}$ or $\frac{3}{4}$ or 1 or $\frac{5}{6}$)

4. If $3\frac{2}{3} - b = 1$, then the value of b is ....

   (2 or $2\frac{2}{3}$ or 1 or $\frac{2}{3}$)

Second Complete the following:

1. The LCM of the denominators of $\frac{7}{10}$ and $\frac{1}{4}$ is ....
2. $\frac{3}{8} + \frac{1}{2} =$ ....
3. $\frac{5}{6} +$ .... $= 1$
4. $1\frac{2}{3}$ minutes = ... minutes, ... seconds.

Third Essay question:

Use an area model to subtract: $3\frac{3}{4} - 2\frac{1}{2} =$ ....





Model 4

First Choose the correct answer:

1. $\frac{5}{7} - \frac{5}{14} =$ .... $(\frac{5}{14}$ or $\frac{13}{14}$ or $\frac{8}{21}$ or $\frac{8}{14})$

2. Which of the following is equivalent to the pair of fractions $\frac{5}{6}$ and $\frac{1}{4}$ using the LCM of their denominators?

   $(\frac{20}{24}, \frac{5}{14}$ or $\frac{10}{16}, \frac{4}{16}$ or $\frac{10}{12}, \frac{3}{12}$ or $\frac{40}{48}, \frac{12}{48})$

3. $2\frac{1}{6}$ hours = ... minutes. (150 or 120 or 130 or 140)

4. $2\frac{1}{3}$ can be regrouped as .... $(1\frac{4}{3}$ or $\frac{3}{7}$ or $1\frac{2}{3}$ or $7)$

Second Complete the following:

1. $\frac{1}{6} + \frac{7}{12} + \frac{1}{3} =$ ....

2. If $\frac{2}{5} + y = \frac{3}{5}$, then $y =$ ....

3. $2\frac{1}{4} + 2\frac{3}{4} =$ ....

4. 2 hours and 45 minutes = ... minutes.

Third Essay question:

A baker has $3\frac{3}{4}$ kg of flour. He used $1\frac{1}{2}$ kg. How much kg of flour was left?

....

....

Model 5

First Choose the correct answer:

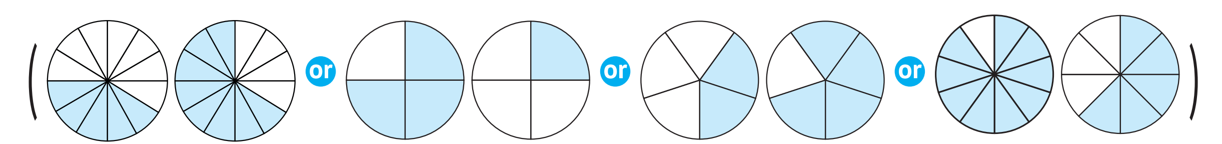
1. The LCM of the denominators of $\frac{1}{7}$ and $\frac{2}{3}$ is ....

(6 or 12 or 24 or 21)

2. $7\frac{35}{40} - 3\frac{3}{5} =$ ....

($4\frac{3}{40}$ or $4\frac{31}{35}$ or $4\frac{11}{40}$ or $4\frac{29}{45}$)

3. Which of the following are unlike denominator fractions?



4. $\frac{17}{3}$ is equivalent to ....

($3\frac{1}{6}$ or $7\frac{1}{2}$ or $3\frac{2}{5}$ or $5\frac{2}{3}$)

Second Complete the following:

1. $\frac{12}{48} =$ .... (In the simplest form)

2. $2\frac{5}{7} = \frac{\dots\dots}{\dots\dots}$

3. 40 months = ... years.

4. If $L - 1\frac{3}{4} = 1\frac{3}{4}$, then $L =$ ....

Third Essay question:

A school flower garden consists of $\frac{1}{8}$ sunflower and $\frac{1}{3}$ jasmine. The rest of the garden is filled with roses. What fraction of the school garden has roses?

....

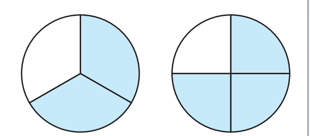
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Model 6

First Choose the correct answer:

1. $\frac{16}{48}$ = ... (In the simplest form) ($\frac{8}{24}$ or $\frac{4}{12}$ or $\frac{2}{6}$ or $\frac{1}{3}$)

2. The two like denominator fractions representing the opposite models are ....



($\frac{3}{4}$, $\frac{1}{3}$ or $\frac{6}{8}$, $\frac{2}{8}$ or $\frac{8}{12}$, $\frac{9}{12}$ or $\frac{9}{12}$, $\frac{4}{8}$)

3. If $5\frac{2}{7} + k = 6\frac{5}{7}$, then k = ... ($11\frac{7}{7}$ or $1\frac{3}{7}$ or $4\frac{3}{7}$ or $5\frac{1}{7}$)

4. $1\frac{2}{5} + 2\frac{3}{5}$ = ... (5 or 6 or 4 or $\frac{35}{10}$)

Second Complete the following:

1. If $M - 2\frac{2}{7} = 2\frac{1}{2}$, then M = ...

2. The simplest form of $\frac{15}{25}$ is ....

3. If $x + 7\frac{1}{5} = 11\frac{4}{5}$, then x = ...

4. $4\frac{1}{6}$ hours = ... hours and .... minutes.

Third Essay question:

Mark studied Math for **90** minutes and Science for **60** minutes.

How many hours did Mark study in all?

....

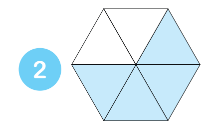
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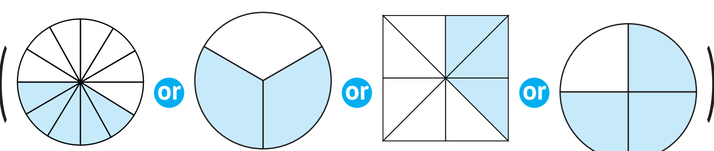
Model 7

First Choose the correct answer:

1. The two like denominator fractions of $\frac{3}{4}$ and $\frac{1}{3}$ are ....

($\frac{3}{12}$, $\frac{1}{12}$ or $\frac{2}{12}$, $\frac{4}{12}$ or $\frac{9}{12}$, $\frac{4}{12}$ or $\frac{9}{12}$, $\frac{1}{12}$)

2.  is equivalent to ....



3. $2\frac{3}{5}$ + ... = $4\frac{1}{4}$ ($1\frac{13}{20}$ or $1\frac{1}{4}$ or $1\frac{4}{5}$ or $1\frac{2}{5}$)

4. $\frac{2}{9} + \frac{1}{9} + \frac{4}{9} + \frac{5}{9}$ = ... (4 or $1\frac{1}{3}$ or 2 or 3)

Second Complete the following:

1. $9\frac{1}{4}$ − .... = $3\frac{3}{4}$

2. $\frac{5}{6}$ year = ... months.

3. If $x + 5\frac{1}{2} = 7\frac{5}{8}$, then x = ...

4. $1 - \frac{3}{5}$ = ...

Third Essay question:

Ahmed walked $2\frac{1}{5}$ km and Murad walked $1\frac{1}{3}$ km more.

What distance did Murad walk?

....

Model 8

First Choose the correct answer:

1. If $r + 2\frac{1}{3} = 5\frac{5}{6}$, then r = ... $(3\frac{4}{6}$ or $3\frac{1}{3}$ or $3\frac{1}{2}$ or $3\frac{1}{4})$

2. The two like denominator fractions which are equivalent to the two fractions $\frac{2}{5}$ and $\frac{3}{15}$ are ....
$(\frac{5}{15}, \frac{3}{15}$ or $\frac{2}{5}, \frac{1}{5}$ or $\frac{2}{5}, \frac{3}{5}$ or $\frac{8}{20}, \frac{5}{20})$

3. If $\frac{3}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then x = ... (4 or 3 or 9 or 12)

4. $1\frac{1}{10}$ minutes = ... seconds. (55 or 65 or 60 or 66)

Second Complete the following:

1. The smallest common denominator of $\frac{1}{3}$ and $\frac{3}{5}$ is ....

2. 200 seconds = ... minutes.

3. If $\frac{5}{7} = \frac{a}{49}$, then a = ...

4. $1 - \frac{5}{7}$ = ...

Third Essay question:

Farida bought $1\frac{1}{2}$ kg of oranges. She used $\frac{3}{7}$ kg of them as juice. What is the remainder of oranges?

....

....

Model 9

First Choose the correct answer:

1. If $m + 2\frac{1}{3} = 5$, then $m =$ .... ($3\frac{4}{6}$ or $3\frac{1}{3}$ or $3\frac{1}{2}$ or $2\frac{2}{3}$)

2. $5\frac{3}{7} + 4\frac{2}{7} =$ .... ($9\frac{5}{14}$ or $9\frac{5}{7}$ or $10\frac{5}{7}$ or $9\frac{1}{7}$)

3. $\frac{6}{7} - \frac{\ldots\ldots}{\ldots\ldots} = \frac{1}{7}$ ($\frac{1}{7}$ or $\frac{4}{7}$ or $\frac{5}{7}$ or $\frac{6}{7}$)

4. If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then $x =$ .... (4 or 3 or 7 or 12)

Second Complete the following:

1. If $s + 3\frac{1}{3} = 8\frac{1}{6}$, then $s =$ ....

2. The LCM of the denominators of $\frac{1}{3}$ and $\frac{5}{12}$ is ....

3. $2\frac{3}{5} + 1\frac{4}{5} =$ .... (In the simplest form)

4. 90 minutes = ... hours. (As a mixed number)

Third Essay question:

Osman expected his assignment to take $\frac{5}{6}$ of an hour. He completed it in $\frac{3}{4}$ of an hour. In how many fewer minutes did Osman complete his assignment than he expected?

....

....

Model 10

First — Choose the correct answer:

1. 30 months = ... years. (3 or $2\frac{1}{2}$ or 30 or 12)
2. [circle divided into 3 equal parts, all shaded] – [circle divided into 6 equal parts, 2 shaded] = ... ($\frac{1}{4}$ or $\frac{1}{2}$ or $\frac{1}{3}$ or $\frac{5}{8}$)
3. $\frac{4}{5} - \frac{3}{4} =$ .... ($\frac{7}{9}$ or $\frac{1}{20}$ or $1\frac{11}{20}$ or $\frac{12}{20}$)
4. If $1\frac{2}{3} - b = 1$, then the value of b is .... (2 or $2\frac{2}{3}$ or 1 or $\frac{2}{3}$)

Second — Complete the following:

1. $5\frac{3}{8} =$ .... (Improper fraction)
2. $\frac{7}{10} - \frac{9}{20} + \frac{1}{5} =$ ....
3. The simplest form of $\frac{16}{80}$ is ....
4. $6\frac{1}{2}$ years = ... years and .... months.

Third — Find the result:

1. $\frac{3}{8} + \frac{3}{4} =$ ....
2. $3\frac{4}{5} + 2\frac{1}{2} =$ ....

General Revision Answers

First:

1. $\frac{25}{100}$
2. $\frac{3}{12}$ and $\frac{4}{12}$
3. $\frac{1}{2}$
4. 6
5. 24
6. $2\frac{2}{3}$
7. =
8. 27
9. $\frac{1}{4}$
10. $\frac{1}{3}$
11. $3\frac{1}{2}$
12. $1\frac{1}{3}$
13. $\frac{5}{14}$
14. $4\frac{3}{40}$
15. $\frac{8}{12}$ and $\frac{9}{12}$
16. $\frac{5}{8}$ and $\frac{2}{8}$
17. (circle divided into 3 parts, 2 shaded)
18. $1\frac{11}{20}$
19. $4\frac{2}{5}$
20. $1\frac{3}{7}$
21. $\frac{7}{15}$
22. $\frac{1}{2}$
23. $\frac{1}{7}$
24. $1\frac{13}{20}$
25. 150
26. 2
27. $5\frac{2}{3}$
28. $1\frac{4}{3}$
29. 25
30. 1
31. $\frac{1}{20}$
32. 4

Second:

1. $\frac{1}{4}$
2. 20
3. $\frac{7}{8}$
4. $\frac{7}{12}$
5. 1 , 15
6. $\frac{1}{6}$
7. $2\frac{2}{3}$
8. $2\frac{1}{2}$
9. $\frac{4}{7}$
10. $\frac{29}{8}$
11. 15
12. $\frac{17}{12} = 1\frac{5}{12}$
13. $\frac{9}{20}$
14. $4\frac{1}{2}$
15. $9\frac{1}{2}$
16. $5\frac{1}{2}$
17. 9
18. $2\frac{1}{2}$
19. $2\frac{1}{4}$
20. $1\frac{1}{3}$
21. 25
22. 6
23. $4\frac{2}{5}$
24. 12
25. $\frac{1}{15}$
26. $\frac{1}{6}$
27. $\frac{3}{4}$
28. $\frac{5}{7}$
29. $4\frac{2}{5}$
30. 5
31. $4\frac{3}{7}$
32. $5\frac{11}{24}$
33. $1\frac{7}{8}$
34. $13\frac{1}{6}$
35. 6 , 6

Third:

1. $\frac{3}{4} + \frac{6}{8} = \frac{9}{8} = 1\frac{1}{8}$
2. $3\frac{8}{10} + 3\frac{5}{10} = 5\frac{13}{10} = 6\frac{3}{10}$
3. $\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$
4. $5\frac{9}{12} - 2\frac{10}{12} = 4\frac{21}{12} - 2\frac{10}{12} = 2\frac{11}{12}$
5. $2\frac{3}{4} + 1\frac{1}{2} = 3\frac{5}{4} = 4\frac{1}{4}$

Fourth:

1. The remaining fava beans: $\frac{8}{9} - \frac{3}{4} = \frac{32}{36} - \frac{27}{36}$
$= \frac{5}{36}$ kg of the fava beans.

2. $\frac{4}{5}$ of an hour = 48 minutes
$\frac{3}{4}$ of an hour = 45 minutes
48 – 45 = 3 minutes fewer

3. Number of liters $= \frac{1}{2} + \frac{3}{4} = \frac{2}{4} + \frac{3}{4} = \frac{5}{4}$
$= 1\frac{1}{4}$ liters

4. Time left $= 2\frac{1}{2} - \frac{3}{4} = 2\frac{2}{4} - \frac{3}{4}$
$= 1\frac{6}{4} - \frac{3}{4} = 1\frac{3}{4}$ hours

5. The remaining flour $= \frac{3}{4} - \frac{1}{2} = \frac{3}{4} - \frac{2}{4}$
$= \frac{1}{4}$ kg

6. Blue $= \frac{1}{4}$ of 12 = 3 balls
Green $= \frac{1}{3}$ of 12 = 4 balls
Yellow $= \frac{1}{3}$ of 12 = 4 balls
White = 12 – 3 – 4 – 4 = 1 ball

7. The kilometers that aren't paved:
$10 - 4\frac{5}{7} = 9\frac{7}{7} - 4\frac{5}{7} = 5\frac{2}{7}$ km

8. $1\frac{1}{10}$ hours = 60 + 6 = 66 minutes
Total time = 66 + 20 = 86 minutes

9. Fractions of the money left:
$1 - \frac{1}{2} - \frac{1}{3} = \frac{6}{6} - \frac{3}{6} - \frac{1}{2} = \frac{1}{6}$ of the money

10. Fraction of the roses:
$1 - \frac{3}{8} - \frac{1}{3} = \frac{24}{24} - \frac{9}{24} - \frac{8}{24}$
$= \frac{7}{24}$ of the garden.

11. 80 minutes $= 1\frac{1}{3}$ hours
Total time $= 1\frac{1}{3} + 1\frac{1}{3} = 2\frac{2}{3}$ hours

12. Total time = 90 + 60 = 150 minutes $= 2\frac{1}{2}$ hours

13. Number of hours $= 1\frac{1}{2} + \frac{1}{2} = 2$ hours

14. Murad walked $= 2\frac{1}{5} + 1\frac{1}{3} = 2\frac{3}{15} + 1\frac{5}{15}$
$= 3\frac{8}{15}$ km.

Model Exams Answers

Model 1

First:

1. $\frac{2}{3}$
2. $\frac{1}{2}$
3. $1\frac{7}{20}$
4. 32

Second:

1. $\frac{4}{7}$
2. $1\frac{7}{8}$
3. $13\frac{1}{6}$
4. 2 , 15

Third:

Number of liters $= \frac{1}{2} + \frac{3}{4} = \frac{2}{4} + \frac{3}{4} = \frac{5}{4} = 1\frac{1}{4}$ liters

Model 2

First:

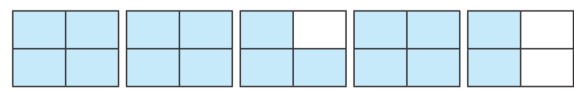
1. $1\frac{1}{2}$
2. $\frac{7}{15}$
3. $\frac{11}{20}$
4. <

Second:

1. $\frac{7}{12}$
2. 6
3. $4\frac{3}{7}$
4. 20

Third:

1. $2\frac{3}{4} + 1\frac{1}{2} = 3\frac{5}{4} = 4\frac{1}{4}$



2. The fava beans left $= \frac{8}{9} - \frac{1}{2} = \frac{16}{18} - \frac{9}{18}$

$= \frac{7}{18}$ kg of the fava beans.

Model 3

First:

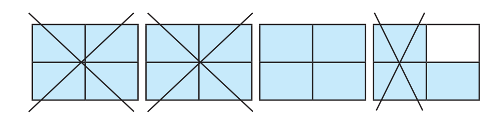
1. 12
2. $\frac{25}{100}$
3. 1
4. $2\frac{2}{3}$

Second:

1. 20
2. $\frac{7}{8}$
3. $\frac{1}{6}$
4. 1,40

Third:

$3\frac{3}{4} - 2\frac{1}{2} = 1\frac{1}{4}$



Model 4

First:

1. $\frac{5}{14}$
2. $\frac{10}{12}$, $\frac{3}{12}$
3. 130
4. $1\frac{4}{3}$

Second:

1. $\frac{13}{12} = 1\frac{1}{12}$
2. $y = \frac{1}{5}$
3. 5
4. 165

Third:

$3\frac{3}{4} + 1\frac{1}{2} = 3\frac{3}{4} + 1\frac{2}{4} = 4\frac{5}{4} = 5\frac{1}{4}$

Model 5

First:

1. 21
2. $4\frac{11}{40}$
3. (two circles shaded)
4. $5\frac{2}{3}$

Second:

1. $\frac{1}{4}$
2. $\frac{19}{7}$
3. $3\frac{1}{3}$
4. $3\frac{1}{2}$

Third:

Roses fraction = $1 - \frac{1}{8} - \frac{1}{3}$

$= \frac{24}{24} - \frac{3}{24} - \frac{8}{24} = \frac{13}{24}$ of the garden.

Model 6

First:

1. $\frac{1}{3}$
2. $\frac{8}{12}$, $\frac{9}{12}$
3. $1\frac{3}{7}$
4. 4

Second:

1. $4\frac{11}{14}$
2. $\frac{3}{5}$
3. $4\frac{3}{5}$
4. 4 , 10

Third:

Mark studied = 90 + 60 = 150 minutes = $2\frac{1}{2}$ hours.

Model 7

First:

1. $\frac{9}{12}$, $\frac{4}{12}$
2. (circle shaded)
3. $1\frac{13}{20}$
4. $1\frac{1}{3}$

Second:

1. $5\frac{1}{2}$
2. 10
3. $2\frac{1}{8}$
4. $\frac{2}{5}$

Third:

Murad walked:

$2\frac{1}{5} + \frac{1}{3} = 2\frac{3}{15} + 1\frac{5}{15} = 3\frac{8}{15}$ km.

Model 8

First:

1. $3\frac{1}{2}$
2. $\frac{2}{5}$, $\frac{1}{5}$
3. 9
4. 66

Second:

1. 15
2. $3\frac{1}{3}$
3. 35
4. $\frac{2}{7}$

Third:

Remainder = $1\frac{1}{2} - \frac{3}{7} = 1\frac{7}{14} - \frac{6}{14} = 1\frac{1}{14}$ kg.

Model 9

First:

1. $2\frac{2}{3}$
2. $9\frac{5}{7}$
3. $\frac{5}{7}$
4. 12

Second:

1. $4\frac{5}{6}$
2. 12
3. $4\frac{2}{5}$
4. $1\frac{1}{2}$

Third:

$\frac{5}{6}$ of an hour = 50 minutes.

$\frac{3}{4}$ of an hour = 45 minutes.

50 – 45 = 5 fewer minutes.

Model 10

First:

1. $2\frac{1}{2}$
2. $\frac{1}{3}$
3. $\frac{1}{20}$
4. $\frac{2}{3}$

Second:

1. $\frac{43}{8}$
2. $\frac{9}{20}$
3. $\frac{1}{5}$
4. 6 , 6

Third:

1. $\frac{3}{8}+\frac{3}{4}=\frac{3}{8}+\frac{6}{8}=\frac{9}{8}=1\frac{1}{8}$
2. $3\frac{4}{5}+2\frac{1}{2}=3\frac{8}{10}+2\frac{5}{10}=5\frac{13}{10}=6\frac{3}{10}$



كيفية طباعة صفحات معينة من ملف معين



مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9

خطوة 1

خطوة 2
اختيار اسم الطابعة بتاعتك

خطوة 3
كتابة الصفحات المراد طباعتها
نكتب رقم 4 ثم نكتب الشرطة دي – ثم نكتب 9

خطوة 4
اختيار نوع الورق

خطوة 5
اختيار A4

خطوة 6

حمل الآن

مجانا وحصريا

المراجعة رقم (2)

اختبار شهر فبراير





General Revision On Unit 7

1. Complete the following.

1. $1 - \frac{2}{9} =$ .... [Giza - El Haram 23]
2. $1 -$ .... $= \frac{3}{4}$ [Cairo - Bab El Sharya 23]
3. If $\frac{2}{5} + y = \frac{3}{5}$, then $y =$ .... [El-Menia - Deir Mawas 23]
4. [fraction model] − [fraction model] = ...
5. [fraction model] + [fraction model] = ...
6. If $\frac{5}{9} - a = \frac{2}{9}$, then $a =$ ....
7. The L.C.M of denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is .... [Cairo - Shoubra 23]
8. $\frac{1}{5} + \frac{1}{2} =$ .... [Port Said 23]
9. $1 - \frac{2}{7} =$ .... [Kafr El-Sheikh 23]
10. Rewrite the given two fractions $\frac{2}{5}$ and $\frac{3}{10}$ with like denominator ....
11. $\frac{2}{3} + \frac{1}{5} =$ .... [Alexandria - Montaza 23]
12. $1 -$ .... $= \frac{5}{7}$ [Alexandria - Agami 23]
13. $1 - \frac{5}{9} =$ .... [Ismailia 23]
14. If $\frac{3}{4} = \frac{b}{16}$, then $b =$ .... [El Beheira - El Nobaria 23]
15. The smallest like denominator of $\frac{2}{3}$ and $\frac{3}{4}$ is .... [Suez 23]
16. The L.C.M of the denominators of $\frac{2}{5}$ and $\frac{1}{3}$ is .... [Suez 23]
17. If $\frac{3}{5} = \frac{a}{25}$, then $a =$ .... [Kafr El-Shikh 23]
18. The simplest form of $\frac{6}{12}$ is .... [Port Said 23]
19. The simplest form of $\frac{6}{8}$ is .... [Suez 23]
20. The simplest form of $\frac{24}{18}$ is $\frac{a}{3}$, then $a =$ .... [Aswan - Kom Ombo 23]
21. $\frac{1}{-} = \frac{2}{8}$ [Cairo - El Sharabia 23]
22. The L.C.M of denominators of $\frac{1}{3}$ and $\frac{5}{12}$ is .... [El Monofia - Berket El Sabea 23, Menof 23, Giza - El Haram 23]
23. If $\frac{5}{7} = \frac{a}{35}$, then $a =$ .... [Cairo - El Sahel 23]
24. $1 - \frac{3}{4} =$ .... [El Monofia – Sadat 23]

2. **Choose the correct answer.**

1. The simplest form of $4\frac{2}{10}$ is ________ [Giza - 6th October 23]

A. $4\frac{3}{4}$ B. $4\frac{1}{5}$ C. $\frac{42}{10}$ D. $2\frac{3}{4}$

2. The simplest form of $\frac{36}{48}$ is ________ [El Fayoum 23 , El Beheira - El Nobaria 23]

A. $\frac{6}{8}$ B. $\frac{3}{2}$ C. $\frac{2}{3}$ D. $\frac{3}{4}$

3. The smallest like denominator of $\frac{2}{3}$ and $\frac{3}{4}$ is ________ [Port Said 23]

A. 3 B. 12 C. 7 D. 24

4. The equivalent fraction of $\frac{2}{8}$ is ________ [Suez 23]

A. $\frac{4}{8}$ B. $\frac{2}{4}$ C. $\frac{1}{4}$ D. $\frac{4}{10}$

5. The L.C.M of denominators of $\frac{1}{3}$ and $\frac{2}{5}$ is ________ [Kafr El-Sheikh 23]

A. 35 B. 8 C. 15 D. 2

6. $\frac{16}{24} = \frac{—}{3}$ [Beni Suef 23]

A. 2 B. 3 C. 4 D. 8

7. $\frac{3}{7}$ − ________ $= \frac{1}{7}$ [Alexandria - Montaza 23]

A. 1 B. $\frac{1}{7}$ C. $\frac{2}{7}$ D. $\frac{4}{7}$

8. The sum of $\left(\frac{2}{3} + \frac{7}{9}\right)$ = ________ [Alexandria - Amreya 23]

A. $1\frac{2}{9}$ B. $\frac{2}{9}$ C. $1\frac{4}{9}$ D. $\frac{4}{9}$

9. $\frac{3}{5} = \frac{—}{100}$ [Cairo - Helwan 23]

A. 3 B. 30 C. 60 D. 600

10. The fraction $\frac{15}{20}$ is equivalent to ________ [Alexandria - Agami 23]

A. $\frac{5}{10}$ B. $1\frac{1}{5}$ C. $\frac{3}{4}$ D. 1.5

11. $\frac{3}{4} - \frac{1}{3}$ = ________ [Cairo - Bab El Sharya 23]

A. 2 B. $\frac{2}{12}$ C. $\frac{5}{12}$ D. $\frac{12}{5}$

12. $\frac{3}{7} + \frac{2}{7} +$ ________ $= 1$ [El Fayoum 23]

A. $\frac{1}{7}$ B. $\frac{2}{7}$ C. $\frac{3}{7}$ D. $\frac{4}{7}$

13. If $\frac{7}{14} + k = 1$, then the value of k = ________ [Cairo - Shoubra 23]

A. $\frac{8}{14}$ B. $\frac{1}{2}$ C. $\frac{5}{14}$ D. $\frac{5}{7}$

14. If $\frac{4}{7}+\frac{1}{3}=\frac{x}{21}+\frac{7}{21}$, then $x=$ ________ [El Monofia – Tala 23]

A. 4 B. 3 C. 7 D. 12

15. $\frac{1}{4}+\frac{3}{8}=$ ________ [El-Monofia – El Sadat 23]

A. $\frac{4}{12}$ B. $\frac{1}{3}$ C. $\frac{5}{8}$ D. $1\frac{1}{2}$

16. If $\frac{5}{8}=\frac{x}{40}$, then $x=$ ________ [El Menia - Mallawi 23]

A. 1 B. 25 C. 5 D. 8

17. The L.C.M of denominators of $\frac{5}{6}$ and $\frac{3}{8}$ is ________ [Giza - Kerdasa 23]

A. 12 B. 36 C. 24 D. 6

18. $2\frac{25}{40}$ is equivalent to ________ [El-Monofia – Ashmon 23]

A. $2\frac{8}{5}$ B. $2\frac{10}{40}$ C. $2\frac{5}{8}$ D. $1\frac{12}{20}$

19. $\frac{1}{2}+\frac{1}{3}=$ ________ [Aswan - Edfo 23]

A. $\frac{1}{2}$ B. $\frac{3}{5}$ C. $\frac{5}{6}$ D. $\frac{1}{6}$

20. $\frac{2}{6}+\frac{1}{6}+\frac{4}{6}+\frac{5}{6}=$ ________ [Souhag 23]

A. 4 B. 1 C. 2 D. 3

3. Answer the following questions.

1. Assam bought $\frac{5}{7}$ kg of oranges. He use $\frac{2}{3}$ kg as juice.
   What is the remainder of oranges ? [Alexandria - Amreya 23]

2. Maha has $\frac{1}{2}$ kg of flour. She used $\frac{2}{5}$ kg of it. What is the rest with her ? [Aswan - Edfo 23]

3. Karim walked $\frac{1}{5}$ km and Sameh walked $\frac{1}{3}$ km more. What distance that Sameh walked ? [El Monofia – Talaa 23]

General Revision On Unit 8

1. Complete the following.

1. $1\frac{1}{2}$ hours = ... minutes. [Alexandria - Agami 23]
2. $2\frac{1}{2}$ years = ... months. [El Monofia - El Shohadaa 23]
3. $4\frac{5}{6}+1\frac{1}{6}=$ .... [El Menia - Mallawi 23]
4. If $x+1\frac{3}{5}=4\frac{4}{5}$, then $x=$ .... [Beni Suef 23]
5. If $3\frac{1}{5}+d=3\frac{3}{5}$, then d = ... [Cairo - El Zaiton 23]
6. $4\frac{3}{8}+3\frac{5}{8}=$ .... [Aswan - Kom Ombo 23]
7. $2\frac{3}{5}+1\frac{4}{5}=$ .... [in simplest form] [Qena 23]
8. 2 hours = ... minutes. [Kafr El-Sheikh 23]
9. $3\frac{3}{7}-1\frac{2}{7}=$ .... [Suez 23]
10. .... $-2\frac{2}{5}=1\frac{3}{5}$ [Kafr El-Sheikh 23]
11. If $x+2\frac{1}{7}=6\frac{4}{7}$, then $x=$ .... [Ismailia 23]
12. $2\frac{1}{2}$ hours = ... minutes. [Cairo - El Sahel, Giza - El Haram 23]
13. $\frac{1}{2}$ year = ... months. [Cairo - Bab El Sharya 23]
14. 2 hours and 15 minutes = ... minutes. [Cairo - Shoubra 23]
15. $6\frac{2}{3}-3\frac{1}{4}=$ .... [Luxor 23]
16. $3\frac{3}{4}+9\frac{5}{12}=$ .... [in simplest form] [Qena 23]
17. $7\frac{1}{10}$ minutes = ... minutes and .... seconds. [Assiut 23]
18. $3-2\frac{1}{2}=$ .... [El Menia - Beni Mazar 23]
19. 80 minutes = ... hour [s] [as a mixed number] [Aswan - Edfo 23]
20. $\frac{1}{5}$ hour = ... minutes. [El Monofia - Berket El Sabea 23, Menof 23]
21. $7\frac{3}{8}+$ .... $=9\frac{1}{4}$ [Cairo - Bab El Sharya 23]
22. .... $+2\frac{5}{7}=4\frac{3}{14}$ [Giza - Awseem 23]
23. $2-\frac{3}{4}=$ .... [Giza - 6^{th} October 23]

2. Choose the correct answer.

1. $3\frac{3}{4} - 2\frac{1}{2} =$ ________ [Souhag 23]

A. $1\frac{1}{4}$ B. $5\frac{2}{6}$ C. $\frac{15}{4}$ D. $5\frac{1}{2}$

2. If $a + 5\frac{5}{6} = 9\frac{1}{12}$, then a = ________ [Assiut 23]

A. $4\frac{4}{12}$ B. 4 C. $3\frac{1}{4}$ D. $4\frac{9}{12}$

3. $1\frac{1}{8}$ days = ________ hours [Aswan - Kom Ombo 23]

A. 24 B. 8 C. 27 D. 18

4. $1\frac{1}{2}$ hours = ________ minutes [Luxor 23]

A. 60 B. 30 C. 90 D. 120

5. $3\frac{1}{2}$ hours = ________ hours + ________ minutes. [Giza - 6th October 23]

A. 3, 30 B. 3, $\frac{1}{2}$ C. 3, 20 D. 4, 2

6. If $k - 1\frac{1}{3} = 4\frac{2}{3}$, then k = ________ [Alexandria - Agami 23]

A. 6 B. 5 C. $3\frac{1}{5}$ D. $5\frac{3}{6}$

7. The fraction $2\frac{1}{4}$ by regrouping is ________ [Kafr El-Sheikh 23]

A. $2\frac{5}{4}$ B. $\frac{9}{2}$ C. $1\frac{5}{4}$ D. $\frac{5}{4}$

8. If $3\frac{2}{3} - b = 1$, then the value of b = ________ [Cairo - El Zaiton 23]

A. 2 B. $2\frac{2}{3}$ C. 1 D. $\frac{2}{3}$

9. The fraction $1\frac{4}{5}$ by regrouping is ________ [Cairo - El Zaiton 23]

A. $\frac{4}{9}$ B. $\frac{9}{5}$ C. $\frac{13}{18}$ D. $\frac{13}{9}$

10. $5 + \frac{3}{5} + \frac{2}{5} =$ ________ [El Beheira - El Nobaria 23]

A. $5\frac{3}{5}$ B. 6 C. $\frac{18}{4}$ D. 4

11. $6\frac{2}{3} - 4\frac{1}{2} =$ ________ [Kafr El-Sheikh 23]

A. $2\frac{7}{6}$ B. $2\frac{1}{5}$ C. $1\frac{1}{6}$ D. $2\frac{1}{6}$

12. $5 - 2\frac{1}{2} =$ ________ [Suez 23]

A. $\frac{1}{2}$ B. $2\frac{1}{2}$ C. 1 D. $1\frac{1}{3}$

13. $2\frac{1}{7} +$ ________ $= 5$ [Kafr El-Sheikh 23]

A. $2\frac{6}{7}$ B. $2\frac{1}{7}$ C. $\frac{6}{7}$ D. $1\frac{6}{7}$

14. $\frac{3}{4}$ year = ________ months. [Cairo - El Sahel 23]

A. 3 B. 4 C. 6 D. 9

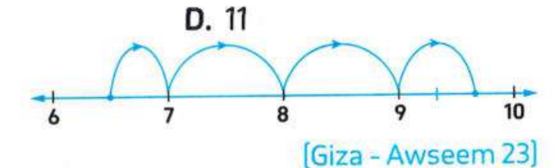
15. If $5\frac{1}{4} - 4\frac{a}{4} = \frac{3}{4}$, then a = ...

A. 1 B. 2 C. 3 D. 4

16. If $\frac{11}{7}$ is equivalent to $m\frac{4}{7}$, then m = ...

A. 1 B. 4 C. 7 D. 11

17. The opposite number line represents ....



[Giza - Awseem 23]

A. $9\frac{2}{3} - 6\frac{1}{2}$ B. $9\frac{2}{3} + 6\frac{1}{2}$ C. $2\frac{5}{6} + 6\frac{1}{2}$ D. $6\frac{1}{2} - 2\frac{5}{6}$

18. $4\frac{3}{5} - 2\frac{1}{3} =$ .... [Qena 23]

A. $2\frac{2}{5}$ B. 3 C. $2\frac{4}{15}$ D. $2\frac{2}{15}$

19. $4\frac{3}{5} \neq$ ....

A. $8\frac{6}{10}$ B. $\frac{23}{5}$ C. $4\frac{6}{10}$ D. $3\frac{8}{5}$

3. Answer the following questions.

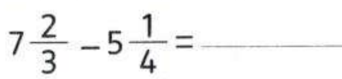
1. Samira has $2\frac{2}{5}$ kilograms of flour. She used $1\frac{1}{5}$ kilograms to make sugar cake. Find the remainder amount of floor. [El Monofia - Ashmoon 23]

2. Marawan studied Math for 90 minutes and Science for 60 minutes. How many minutes did Marawan study in all ? [Ismailia 23]

3. Gina walked $1\frac{1}{2}$ km and Amany walked $2\frac{2}{5}$ km more than Gina. How many km did Amany walk ? [El Beheira - El Nobaria 23]

4. Seif studied Math for $1\frac{1}{2}$ hour and Science for 30 minutes. How many hours did Seif study in all ? [El Menia - Deir Mawas 23]

5. **Use a number line to find the difference.**

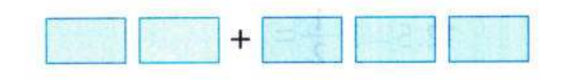


$7\frac{2}{3} - 5\frac{1}{4} =$ ....



6. **Use an area model to add.**

$1\frac{1}{3} + 2\frac{1}{2}$



March Tests — Till lesson **6** unit **9**

Test 1



1. Choose the correct answer. (3 marks)

1. The mixed number $4\frac{1}{3}$ can be regrouped as ....

   A. $\frac{13}{4}$ B. $3\frac{1}{4}$ C. $3\frac{4}{3}$ D. $4+\frac{1}{3}$

2. $4 \times 5 + \frac{4}{5} \times 5 =$ .... $\times 5$

   A. $\frac{24}{5}$ B. 4 C. $\frac{4}{5}$ D. $5\frac{4}{5}$

3. $2\frac{1}{4} - 1\frac{1}{2} =$ ....

   A. $1\frac{1}{4}$ B. $\frac{3}{4}$ C. $3\frac{3}{4}$ D. $1\frac{1}{2}$

2. Answer each of the following.

1. Adel studied Mathematics for $1\frac{1}{3}$ hour and English for 50 minutes. How many minutes did Adel study in all? (1 mark)

   ....

   ....

2. **Evaluate.** $1\frac{1}{2} \times 2$ (1 mark)

   ....

   ....

3. The price of 8 notebooks is 43 L.E. (1 mark)

   Find the price of each notebook.

4. **Find the value of k.** $\frac{k}{5} + \frac{3}{15} = \frac{6}{15} + \frac{3}{15}$ (1 mark)

5. **Use the number line to find the difference.** $3\frac{5}{6} - 2\frac{2}{3}$ (1 mark)

6. Write two different multiplication expressions that have the same product as $\frac{12}{13} \times 10$ (1 mark)

   ....

7. Ali studied Arabic for $3\frac{1}{5}$ hours and science for $2\frac{4}{5}$ hours.

   How many hours did Ali study in all? (1 mark)

   ....



Test 2

1. Choose the correct answer. (3 marks)

1. $\frac{3}{7} + \frac{4}{7} =$ ....

   A. $\frac{7}{14}$ B. $\frac{4}{4}$ C. $\frac{21}{28}$ D. $\frac{12}{49}$

2. The opposite model area represents ....

1	$\frac{1}{3}$
1	$\frac{1}{3}$

   A. $\frac{4}{3} \times \frac{1}{3}$ B. $1\frac{1}{3} \times 2$ C. $2 \times \frac{1}{3} \times \frac{1}{3}$ D. $2 + \frac{1}{3}$

3. If $\frac{8}{9} \times b = \frac{8}{9}$, then b = ...

   A. $\frac{8}{9}$ B. $\frac{4}{9}$ C. $\frac{1}{2}$ D. 1

2. Answer each of the following.

1. **Find the value of K.** $k - \frac{5}{7} = \frac{1}{4}$ (1 mark)

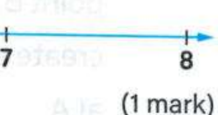
2. Marwan ate $\frac{3}{4}$ pieces of chocolate. His friend Wael ate $1\frac{1}{2}$ pieces more than him. How many pieces did Weal eat ? (1 mark)

3. Hany bought $2\frac{4}{7}$ kg of honey , he gave his brother $1\frac{3}{7}$ kg of them. How many kg was left ? (1 mark)

4. If the price of a pen is $2\frac{1}{2}$ pounds. **Find the price of 10 pens.** (1 mark)

5. **Use the number line to find the difference.**





   $7\frac{2}{3} - 5\frac{1}{4} =$ .... (1 mark)

6. Amira studied Math for $1\frac{1}{2}$ hours and Science for 30 minutes. How many hours did Amira study in all ? (1 mark)

7. Write at least three different multiplication expressions that have the same product as $\frac{5}{7} \times 12$. (1 mark)

المراجعة رقم (3)

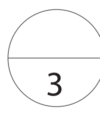
اختبار شهر فبراير



10 Marks

Model (1)

1 Choose the correct answer:

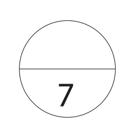


a The L.C.M of the denominators $\frac{7}{8}$ and $\frac{5}{6}$ is .... (12 , 24 , 36 , 48)

b .... $\times \frac{3}{7} = \frac{2}{7}$ $\left(\frac{2}{3}, \frac{3}{2}, \frac{1}{7}, \frac{5}{7}\right)$

c $2\frac{1}{3}$ hours = ... minutes. (120 , 140 , 150 , 160)

2 Answer the following:



a If $a + 3\frac{5}{12} = 8\frac{5}{6}$, find the value of a.

....

b Soha ate $\frac{1}{3}$ of 36 candies, how many candies are left?

....

c How many thirds are there in 9?

....

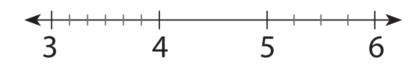
d Write the following mixed number $3\frac{6}{42}$ in its simplest form.

....

e Find the result of: $2\frac{1}{3} + 3\frac{1}{2}$

....

f Use the number line to find the difference $5\frac{1}{4} - 3\frac{1}{6}$



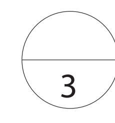
....

g If the price of 8 pens is 78 L.E. Find the price of one pen.

....

10 Marks Model (2)

1 Choose the correct answer:

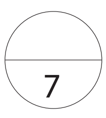


a. The unit fraction is a fraction with a numerator equals .... (0 , 1 , 2 , 3)

b. $5 \times \frac{1}{3}$ ☐ $3 \times \frac{1}{3}$ (> , < , = , otherwise)

c. $7\frac{2}{5} = \frac{x}{5}$, then $x =$ .... (17 , 19 , 35 , 37)

2 Answer the following:



a. Menna bought $1\frac{3}{4}$ kg of apples and $1\frac{2}{3}$ kg of oranges. How much fruit did she buy?

....

b. If $m - 4\frac{1}{3} = 7\frac{1}{2}$, find the value of m.

....

c. **Complete:**

$3\frac{1}{5}$ hours = ... hours and .... minutes

45 days = ... weeks.

d. Mona bought $3\frac{3}{4}$ kg of tomatoes for $2\frac{4}{5}$ L.E. per each kg. How much money did Mona pay?

....

e. Find the result: $20 \div \frac{2}{5}$

....

f. How many fifths are there in 8?

....

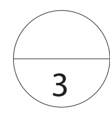
g. Find the result: $\frac{2}{3} \times \frac{3}{8} \times \frac{8}{9}$

....

10 Marks

Model (3)

1 Choose the correct answer:

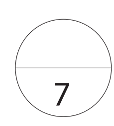


a $8\frac{1}{2}$ = ... ÷ 2 (16 , 17 , 18 , 19)

b $\frac{1}{5}$ of 45 = ... (7 , 9 , 3 , 15)

c $4\frac{2}{5}$ ☐ $4 \times \frac{2}{5}$ (< , > , = , otherwise)

2 Answer the following:



a If $4\frac{1}{7} - m = 2\frac{1}{6}$, then find the value of m.

....

b Ali earns $12\frac{1}{2}$ L.E. for an hour. If he works 8 hours per day, how much money does he earn per day?

....

c If the price of 6 pens is 21 L.E. Find the price of each pen.

....

d How many fourths are there in 5?

....

e **Complete:**

1 $4\frac{3}{4}$ hours = ... hours, ... minutes.

2 30 months = ... years, ... months.

f Noha ate $\frac{2}{5}$ kg of fruits, Ahmed ate $\frac{3}{4}$ kg more than Noha. How many kg of fruits did the two persons eat together?

....

....

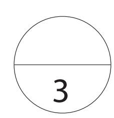
g Find the result: $\frac{3}{2} \times \frac{6}{15} \times \frac{5}{6}$

....

10 Marks

Model (4)

1 Choose the correct answer:

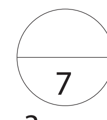


a $\frac{3}{4} - \frac{3}{5} =$ .... $(0, \frac{1}{20}, \frac{6}{20}, \frac{3}{20})$

b $2\frac{1}{5} \times \frac{3}{4} = (2 \times \frac{3}{4}) + (\text{..............} \times \frac{3}{4})$ $(2, \frac{1}{5}, \frac{7}{5}, 1)$

c $\frac{1}{6} \times 6 =$ .... $(\frac{1}{6}, 1, 36, 6)$

2 Answer the following:



a Evaluate each expression by rewriting the fractions with like denominator: $\frac{1}{3} + \frac{3}{5}$

....

b Find the result: $6 - 2\frac{3}{5} - 2\frac{1}{2}$

....

c Mariam studied math for 40 minutes and English for 50 minutes, how many hours did she study in all?

....

d Find the result of: $1\frac{2}{3} \times 3\frac{3}{5}$

....

e A teacher has 40 pens, he wants to give 4 pens for each student. How many students will he be able to give pens?

....

f Convert the improper fraction $\frac{45}{8}$ into a mixed number.

....

g Find the value of k: $35 \times k = 7$

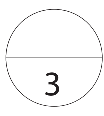
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....

10 Marks

Model (5)

1 Choose the correct answer:

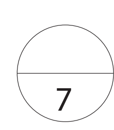


a $7 \times \frac{1}{7}$ ☐ 8 (> , < , = , otherwise)

b $\frac{3}{....} \times \frac{5}{8} = \frac{15}{56}$ (4 , 5 , 7 , 9)

c How many thirds are there in 4? ($3 \div 4$, $4 \div \frac{1}{4}$, 3×4 , $4 - \frac{1}{3}$)

2 Answer the following:



a Find the result: $3\frac{1}{3} + 1\frac{3}{5}$

....

b Maya ate $\frac{1}{4}$ of 20 pieces of cake, how many pieces of cake are left?

....

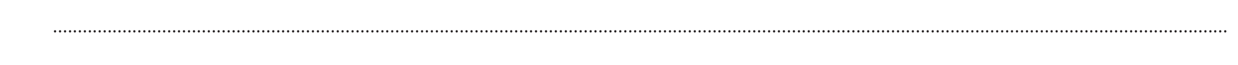
c **Complete:**

1. $1\frac{3}{8}$ days = ... hours.
2. 40 months = ... years.

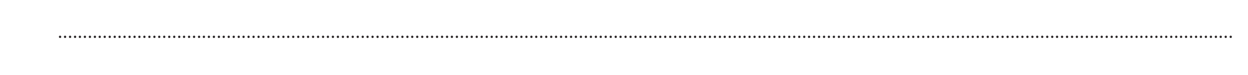
d Find 3 equivalent fractions to the fraction $\frac{5}{8}$



e Find the result in the simplest form: $6\frac{3}{5} - 2\frac{2}{3}$



f Find the result of: $3\frac{4}{5} \times \frac{1}{2}$ (using distributive property.)



g If $54 \div 8 = 6\frac{x}{4}$, find the value of x.

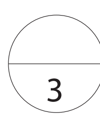
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10 Marks

Model (1)

1 Choose the correct answer:

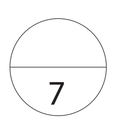


a The L.C.M of the denominators $\frac{7}{8}$ and $\frac{5}{6}$ is .... (12 , 24 , 36 , 48)

b .... $\times \frac{3}{7} = \frac{2}{7}$ $(\frac{2}{3}, \frac{3}{2}, \frac{1}{7}, \frac{5}{7})$

c $2\frac{1}{3}$ hours = ... minutes. (120 , 140 , 150 , 160)

2 Answer the following:



a If $a + 3\frac{5}{12} = 8\frac{5}{6}$, find the value of a.

▶ $a = 8\frac{5}{6} - 3\frac{5}{12} = 8\frac{10}{12} - 3\frac{5}{12} = 5\frac{5}{12}$

b Soha ate $\frac{1}{3}$ of 36 candies, how many candies are left?

▶ The left = $\frac{2}{3} \times 36 = 24$ candies

c How many thirds are there in 9?

▶ $9 \div \frac{1}{3} = 9 \times 3 = 27$ thirds

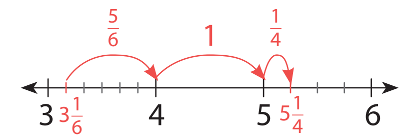
d Write the following mixed number $3\frac{6}{42}$ in its simplest form.

▶ $3\frac{6}{42} = 3\frac{1}{7}$

e Find the result of: $2\frac{1}{3} + 3\frac{1}{2}$

▶ $2\frac{1}{3} + 3\frac{1}{2} = 2\frac{2}{6} + 3\frac{3}{6} = 5\frac{5}{6}$

f Use the number line to find the difference $5\frac{1}{4} - 3\frac{1}{6}$



▶ $5\frac{1}{4} - 3\frac{1}{6} = \frac{5}{6} + 1 + \frac{1}{4} = 1 + \frac{26}{24} = 1 + 1\frac{1}{12} = 2\frac{1}{12}$

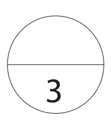
g If the price of 8 pens is 78 L.E. Find the price of one pen.

The price of one pen = $78 \div 8 = 9\frac{3}{4}$ L.E.

10 Marks

Model (2)

1 Choose the correct answer:

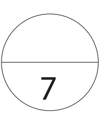


a The unit fraction is a fraction with a numerator equals .... (0 , 1 , 2 , 3)

b $5 \times \frac{1}{3}$ ☐ $3 \times \frac{1}{3}$ (> , < , = , otherwise)

c $7\frac{2}{5} = \frac{x}{5}$, then $x =$ .... (17 , 19 , 35 , 37)

2 Answer the following:



a Menna bought $1\frac{3}{4}$ kg of apples and $1\frac{2}{3}$ kg of oranges. How much fruit did she buy?

▶ The total mass of fruit $= 1\frac{3}{4} + 1\frac{2}{3} = 1\frac{9}{12} + 1\frac{8}{12} = 2\frac{17}{12} = 3\frac{5}{12}$ kg

b If $m - 4\frac{1}{3} = 7\frac{1}{2}$, find the value of m.

▶ $m = 7\frac{1}{2} + 4\frac{1}{3} = 7\frac{3}{6} + 4\frac{2}{6} = 11\frac{5}{6}$

c **Complete:**

$3\frac{1}{5}$ hours = 3 hours and 12 minutes

45 days = $6\frac{3}{7}$ weeks.

d Mona bought $3\frac{3}{4}$ kg of tomatoes for $2\frac{4}{5}$ L.E. per each kg. How much money did Mona pay?

▶ The price $= 3\frac{3}{4} \times 2\frac{4}{5} = \frac{15}{4} \times \frac{14}{5} = \frac{21}{2} = 10\frac{1}{2}$ L.E.

e Find the result: $20 \div \frac{2}{5}$

▶ $20 \times \frac{5}{2} = 50$

f How many fifths are there in 8?

▶ $8 \div \frac{1}{5} = 8 \times 5 = 40$ fifths

g Find the result: $\frac{2}{3} \times \frac{3}{8} \times \frac{8}{9}$

▶ $\frac{2}{3} \times \frac{3}{8} \times \frac{8}{9} = \frac{2}{9}$

10 Marks

Model (3)

1 Choose the correct answer:

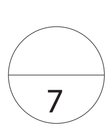
3

a $8\frac{1}{2} = \ldots\ldots\ldots\ldots \div 2$ (16 , 17 , 18 , 19)

b $\frac{1}{5}$ of 45 = ………… (7 , 9 , 3 , 15)

c $4\frac{2}{5}$ ☐ $4 \times \frac{2}{5}$ (< , > , = , otherwise)

2 Answer the following:



a If $4\frac{1}{7} - m = 2\frac{1}{6}$, then find the value of m.

▶ $m = 4\frac{1}{7} - 2\frac{1}{6} = 4\frac{6}{42} - 2\frac{7}{42} = 3\frac{48}{42} - 2\frac{7}{42} = 1\frac{41}{42}$

b Ali earns $12\frac{1}{2}$ L.E. for an hour. If he works 8 hours per day, how much money does he earn per day?

▶ Total money $= 12\frac{1}{2} \times 8 = \frac{25}{2} \times 8 = 100$ L.E.

c If the price of 6 pens is 21 L.E. Find the price of each pen.

▶ The price of each pen $= 21 \div 6 = 3\frac{1}{2}$ L.E.

d How many fourths are there in 5?

▶ $5 \div \frac{1}{4} = 5 \times 4 = 20$ fourths.

e **Complete:**

1. $4\frac{3}{4}$ hours = 4 hours, 45 minutes.
2. 30 months = 2 years, 6 months.

f Noha ate $\frac{2}{5}$ kg of fruits, Ahmed ate $\frac{3}{4}$ kg more than Noha. How many kg of fruits did the two persons eat together?

▶ What Ahmed ate $= \frac{3}{4} + \frac{2}{5} = \frac{15}{20} + \frac{8}{20} = \frac{23}{20} = 1\frac{3}{20}$ kg

Total mass which Noha and Ahmed ate $= \frac{2}{5} + 1\frac{3}{20} = \frac{8}{20} + 1\frac{3}{20} = 1\frac{11}{20}$ kg

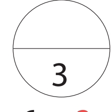
g Find the result: $\frac{3}{2} \times \frac{6}{15} \times \frac{5}{6}$

▶ $\frac{3}{2} \times \frac{6}{15} \times \frac{5}{6} = \frac{1}{2}$

10 Marks

Model (4)

1 Choose the correct answer:

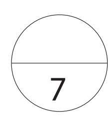


a $\frac{3}{4} - \frac{3}{5} =$ .... $(0, \frac{1}{20}, \frac{6}{20}, \frac{3}{20})$

b $2\frac{1}{5} \times \frac{3}{4} = (2 \times \frac{3}{4}) + ($.............. $\times \frac{3}{4})$ $(2, \frac{1}{5}, \frac{7}{5}, 1)$

c $\frac{1}{6} \times 6 =$ .... $(\frac{1}{6}, 1, 36, 6)$

2 Answer the following:



a Evaluate each expression by rewriting the fractions with like denominator: $\frac{1}{3} + \frac{3}{5}$

▶ $\frac{1}{3} + \frac{3}{5} = \frac{5}{15} + \frac{9}{15} = \frac{14}{15}$

b Find the result: $6 - 2\frac{3}{5} - 2\frac{1}{2}$

▶ $5\frac{10}{10} - 2\frac{6}{10} - 2\frac{5}{10} = 3\frac{4}{10} - 2\frac{5}{10} = 2\frac{14}{10} - 2\frac{5}{10} = \frac{9}{10}$

c Mariam studied math for 40 minutes and English for 50 minutes, how many hours did she study in all?

▶ Total time = 40 + 50 = 90 minutes = $1\frac{1}{2}$ hours.

d Find the result of: $1\frac{2}{3} \times 3\frac{3}{5}$

▶ $\frac{5}{3} \times \frac{18}{5} = 6$

e A teacher has 40 pens, he wants to give 4 pens for each student. How many students will he be able to give pens?

▶ Number of students = 40 ÷ 4 = 10 students.

f Convert the improper fraction $\frac{45}{8}$ into a mixed number.

▶ $\frac{45}{8} = 5\frac{5}{8}$

g Find the value of k: $35 \times k = 7$

▶ $35 \times k = 7$, then $k = 7 \div 35$

$k = \frac{1}{5}$

10 Marks

Model (5)

1 Choose the correct answer:

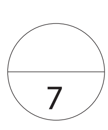
3

a $7 \times \frac{1}{7}$ ☐ 8 　(> , < , = , otherwise)

b $\frac{3}{....} \times \frac{5}{8} = \frac{15}{56}$ 　(4 , 5 , 7 , 9)

c How many thirds are there in 4? 　($3 \div 4$, $4 \div \frac{1}{4}$, 3×4 , $4 - \frac{1}{3}$)

2 Answer the following:



a Find the result: $3\frac{1}{3} + 1\frac{3}{5}$

▶ $3\frac{5}{15} + 1\frac{9}{15} = 4\frac{14}{15}$

b Maya ate $\frac{1}{4}$ of 20 pieces of cake, how many pieces of cake are left?

▶ The left number of pieces $= \frac{3}{4} \times 20 = 15$ pieces

c **Complete:**

1 $1\frac{3}{8}$ days = 33 hours.

2 40 months = $3\frac{1}{3}$ years.

d Find 3 equivalent fractions to the fraction $\frac{5}{8}$

▶ $\frac{5}{8} = \frac{10}{16} = \frac{15}{24} = \frac{20}{32}$

e Find the result in the simplest form: $6\frac{3}{5} - 2\frac{2}{3}$

▶ $6\frac{3}{5} - 2\frac{2}{3} = 6\frac{9}{15} - 2\frac{10}{15} = 5\frac{24}{15} - 2\frac{10}{15} = 3\frac{14}{15}$

f Find the result of: $3\frac{4}{5} \times \frac{1}{2}$ (using distributive property.)

▶ $3\frac{4}{5} \times \frac{1}{2} = (3 \times \frac{1}{2}) + (\frac{4}{5} \times \frac{1}{2}) = \frac{3}{2} + \frac{2}{5} = \frac{19}{10} = 1\frac{9}{10}$

g If $54 \div 8 = 6\frac{x}{4}$, find the value of x.

▶ $\frac{54}{8} = 6\frac{6}{8} = 6\frac{3}{4}$

$x = 3$

حمل الآن

مجانا وحصريا

المراجعة رقم (4)

اختبار شهر فبراير









February Questions Bank



Question 01 — choose the correct answer

1. The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{3}$ is ....
   (a) 18 (b) 6 (c) 3 (d) 2

2. The simplest form of form of $\frac{6}{12}$ is ....
   (a) $\frac{1}{2}$ (b) $\frac{2}{3}$ (c) $\frac{5}{6}$ (d) $\frac{12}{6}$

3. $4\frac{2}{10}$ is equivalent to ....
   (a) $4\frac{20}{100}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) All of them

4. The simplest form of $4\frac{2}{10}$ is ....
   (a) $4\frac{3}{4}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) $2\frac{3}{4}$

5. The LCM of denominators of $\frac{4}{7}$ and $\frac{2}{5}$ is ....
   (a) 7 (b) 35 (c) 5 (d) $\frac{6}{35}$

6. $\frac{1}{4}+\frac{3}{16}=\cdots..$
   (a) $\frac{7}{16}$ (b) 0 (c) 16 (d) $\frac{4}{20}$

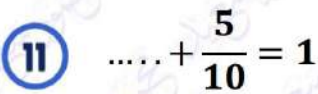
7. $\frac{2}{8}+\frac{6}{8}=\cdots\ldots$
   (a) $\frac{4}{6}$ (b) $\frac{2}{3}$ (c) 1 (d) $\frac{6}{8}$

8. $\frac{7}{9}-\frac{3}{9}=\cdots..$
   (a) $\frac{4}{9}$ (b) $\frac{5}{0}$ (c) 1 (d) $\frac{10}{9}$

9. $\frac{1}{5}+\frac{2}{3}=\cdots....$
   (a) $\frac{13}{15}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$

10. $\ldots\ldots..+\frac{5}{8}=1$
    (a) $\frac{4}{8}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$





11. $\ldots\ldots + \frac{5}{10} = 1$

ⓐ $\frac{1}{2}$ ⓑ $\frac{5}{10}$ ⓒ $\frac{4}{8}$ ⓓ all of them

12. $1 - \ldots\ldots = 0$

ⓐ $\frac{1}{2}$ ⓑ $\frac{10}{10}$ ⓒ $\frac{2}{3}$ ⓓ 0

13. $1 - \ldots\ldots\ldots = 1$

ⓐ $\frac{1}{2}$ ⓑ $\frac{10}{10}$ ⓒ $\frac{0}{3}$ ⓓ 1

14. $1 - \frac{3}{5} - \frac{2}{5} = \ldots\ldots$

ⓐ 0 ⓑ 2 ⓒ $\frac{5}{5}$ ⓓ 1

15. $1 + \frac{3}{5} + \frac{2}{5} = \ldots\ldots$

ⓐ 0 ⓑ 2 ⓒ $\frac{5}{5}$ ⓓ 1



16. $\frac{1}{\ldots\ldots} = \frac{12}{24}$

ⓐ 0 ⓑ 2 ⓒ 3 ⓓ 1

17. $\frac{1}{\ldots\ldots} = \frac{8}{24}$

ⓐ 0 ⓑ 3 ⓒ 2 ⓓ 1

18. $4\frac{3}{5} \neq \ldots\ldots$

ⓐ $10\frac{3}{5}$ ⓑ $3\frac{8}{5}$ ⓒ $\frac{23}{5}$ ⓓ $4\frac{6}{10}$

19. $8\frac{1}{6} + 3.5 = \ldots\ldots$

ⓐ $11\frac{2}{3}$ ⓑ $11\frac{1}{6}$ ⓒ $4\frac{2}{3}$ ⓓ 5



20. 190 Seconds =....................Minutes

ⓐ $\frac{190}{24}$ ⓑ $3\frac{1}{6}$ ⓒ 3 ⓓ All of Them

21. 18 month = ...year

ⓐ $\frac{18}{12}$ ⓑ $1\frac{1}{2}$ ⓒ $\frac{3}{2}$ ⓓ All of Them

22. $\frac{3}{4}$ year =............... Months.

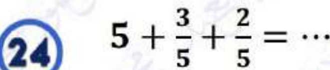
ⓐ 3 ⓑ 4 ⓒ 5 ⓓ 9

23. $2 - \frac{2}{5} - \frac{1}{5} = \ldots$

ⓐ $1\frac{2}{5}$ ⓑ $\frac{2}{5}$ ⓒ $\frac{2}{3}$ ⓓ 1







(24) $5 + \frac{3}{5} + \frac{2}{5} = \cdots$

ⓐ $5\frac{2}{5}$ ⓑ 6 ⓒ $\frac{18}{4}$ ⓓ 4

(25) $\frac{2}{3} + \frac{7}{12} = 1 + \cdots \ldots$

ⓐ $\frac{2}{5}$ ⓑ $\frac{1}{4}$ ⓒ $\frac{1}{3}$ ⓓ $\frac{1}{5}$

(26) $\frac{1}{4} + \frac{3}{12} = 1 - \cdots \ldots$

ⓐ $\frac{1}{2}$ ⓑ $\frac{1}{4}$ ⓒ $\frac{1}{3}$ ⓓ $\frac{1}{5}$

(27) $m - \frac{5}{7} = \frac{1}{4}$ *, then the value of m is* ………………….

ⓐ $\frac{27}{28}$ ⓑ $\frac{13}{28}$ ⓒ $\frac{1}{4}$ ⓓ $\frac{5}{7}$

(28) $\frac{7}{14} + e = \frac{1}{2}$ *, then the value of e is* … … … … … … …

ⓐ $\frac{8}{14}$ ⓑ 0 ⓒ $\frac{5}{14}$ ⓓ $\frac{5}{7}$

(29) $\frac{11}{16} - a = \frac{1}{4}$ *, then the value of a is* … … … … … … …

ⓐ $\frac{8}{16}$ ⓑ $\frac{7}{16}$ ⓒ $\frac{10}{12}$ ⓓ $\frac{6}{6}$

(30) $\frac{12}{20}$ *is equivalent to* ……………….

ⓐ $\frac{8}{10}$ ⓑ $\frac{3}{5}$ ⓒ $\frac{10}{12}$ ⓓ $\frac{6}{5}$

(31) $\frac{25}{8}$ *is equivalent to* … … … … … …

ⓐ $2\frac{1}{8}$ ⓑ $3\frac{1}{25}$ ⓒ $3\frac{1}{8}$ ⓓ $\frac{8}{25}$

(32) $3\frac{5}{6}$ *is equivalent to* … … … … … …

ⓐ $2\frac{5}{6}$ ⓑ $4\frac{1}{25}$ ⓒ $3\frac{1}{6}$ ⓓ $\frac{23}{6}$

(33) $3\frac{2}{6}$ *is equivalent to* … … … … … …

ⓐ $2\frac{8}{6}$ ⓑ $3\frac{1}{6}$ ⓒ $2\frac{2}{6}$ ⓓ $\frac{23}{6}$

(34) $8\frac{8}{8}$ *is equivalent to* … … … … … …

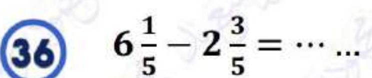
ⓐ $9\frac{5}{6}$ ⓑ $8\frac{1}{8}$ ⓒ 81 ⓓ 9

(35) $5\frac{2}{8} + 3\frac{6}{8} = \cdots ..$

ⓐ 9 ⓑ $8\frac{1}{6}$ ⓒ $8\frac{4}{6}$ ⓓ $\frac{23}{6}$







(36) $6\frac{1}{5} - 2\frac{3}{5} = \cdots \ldots$

ⓐ $4\frac{4}{5}$ ⓑ $4\frac{2}{5}$ ⓒ $3\frac{3}{5}$ ⓓ $\frac{31}{5}$

(37) $3\frac{1}{8} - 2\frac{3}{8} = \cdots \ldots$

ⓐ $5\frac{4}{5}$ ⓑ $5\frac{1}{2}$ ⓒ $1\frac{4}{8}$ ⓓ $1\frac{2}{8}$

(38) $9\frac{2}{9} - 3\frac{1}{3} = \cdots \ldots$

ⓐ $3\frac{2}{3}$ ⓑ $6\frac{7}{9}$ ⓒ $6\frac{1}{9}$ ⓓ 6

(39) $4\frac{3}{7} + \cdots \ldots = 5\frac{1}{3}$

ⓐ $9\frac{4}{21}$ ⓑ $1\frac{16}{21}$ ⓒ 1 ⓓ $\frac{19}{21}$

(40) $m - 7\frac{2}{12} = 3\frac{1}{4}$ *, then the value of m is ……………………*

ⓐ $10\frac{5}{12}$ ⓑ $3\frac{11}{12}$ ⓒ 4 ⓓ $4\frac{1}{8}$

(41) $a + 6\frac{4}{12} = 9\frac{3}{4}$ *, then the value of a is ……………………*

ⓐ $3\frac{5}{12}$ ⓑ $15\frac{7}{12}$ ⓒ 2.5 ⓓ $16\frac{1}{12}$

(42) $5\frac{1}{5} - e = 3\frac{3}{5}$ *, then the value of e is ……………………*

ⓐ $2\frac{2}{5}$ ⓑ $1\frac{3}{5}$ ⓒ $1\frac{4}{5}$ ⓓ $8\frac{4}{5}$

(43) $\frac{1}{2}$ *year = ⋯ … months*

ⓐ 5 ⓑ 6 ⓒ 2 ⓓ 1

(44) $\frac{1}{6}$ *year = ⋯ … months*

ⓐ 5 6 ⓒ 2 ⓓ 1

(45) $\frac{1}{5}$ *hour = ⋯ … minutes*

ⓐ 12 ⓑ 7 ⓒ 5 ⓓ 1

(46) $1\frac{1}{8}$ *day = ⋯ ……. . hours*

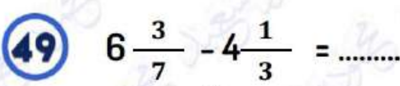
ⓐ 24 ⓑ 8 ⓒ 27 ⓓ 2

(47) The mixed number $5\frac{3}{7}$ by regrouping is ....

ⓐ $5\frac{3}{7}$ ⓑ $4\frac{10}{7}$ ⓒ $3\frac{10}{7}$ ⓓ $3\frac{8}{3}$

(48) $2\frac{1}{4}$ year =................ Months.

ⓐ 24 ⓑ 6 ⓒ 30 ⓓ 27



(49) $6\frac{3}{7} - 4\frac{1}{3}$ = ...

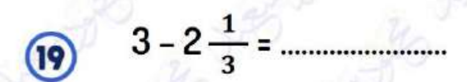
(a) $2\frac{2}{7}$ (b) $2\frac{2}{21}$ (c) $2\frac{2}{4}$ (d) 1

(50) $\frac{1}{4} + \frac{1}{3}$ = ...

(a) $\frac{2}{7}$ (b) $\frac{7}{12}$ (c) $\frac{1}{7}$ (d) $\frac{1}{12}$

Question 02 complete

1. $4\frac{1}{2}$ *years* = ⋯ ……..*years* +……….*months*
2. $3\frac{1}{2}$ *hours* = ⋯ ……..*hours* + ⋯ ………*minutes*
3. $7\frac{3}{4}$ *hours* = ⋯ ……..*hours* + ⋯ …………*minutes*
4. $\frac{4}{5} = \frac{a}{10}$,then a = ...
5. .... - $\frac{3}{4} = \frac{4}{5}$
6. $3\frac{2}{5}$ - .... = $1\frac{2}{15}$
7. $2\frac{1}{2}$ *hour* = ... minutes
8. 23 days = ... weeks
9. $2\frac{5}{7} = 2\frac{10}{b}$ then b = ...
10. $\frac{6}{8}$ = ... " in the simplest form "
11. k + $\frac{1}{4} = 3\frac{7}{8}$ then k then k =......................
12. 1 - .... = $\frac{1}{9}$
13. 1 - $\frac{1}{4}$ - $\frac{1}{6}$ = ...
14. $3\frac{5}{6} - 1\frac{1}{3}$ = 2 + ...
15. $2\frac{2}{3}$ hours = ... hours , and .... minutes .
16. $\frac{5}{8} + \frac{1}{2}$ = 1 + ...
17. The mixed number $5\frac{3}{7}$ by regrouping is ....
18. $6\frac{3}{8}$ - n = $5\frac{2}{3}$,then n = ...



19. $3 - 2\frac{1}{3}$ = ...

20. The L.C.M of denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is ....

21. The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{4}$ is ....

22. $\frac{3}{4}$ year =..................... Months.

23. The smallest like denominator of $\frac{5}{6}$ *and* $\frac{1}{3}$ is.....................

24. If $\frac{7}{14}$ + m = 1 then m =.............................

25. $\frac{29}{8} =$ .... (as a mixed number)

26. $3\frac{1}{4}$ =.......................... (as an improper fraction)

27. $1\frac{1}{8}$ days = ... hours.

28. 190 second =...................... minutes .

29. $2\frac{3}{5}$ +......................= $3\frac{1}{4}$

30. The L C M of denominators of $\frac{3}{7}$ *and* $\frac{1}{3}$ *iS*......................

31. $1\frac{1}{2}$ hours =.................... Minutes

32. $4\frac{5}{6} + 1\frac{1}{6}$ = ...

33. $2 - \frac{3}{4}$ = ...

34. $2\frac{1}{2}$ hours = ... Minutes

35. The L.C.M of denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is ....

36. If $x + 1\frac{1}{7} = 6\frac{4}{7}$, then x = ...

37. $1 - \frac{5}{9}$ = ...

38. The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{4}$ is ....

39. The simplest form of $\frac{12}{18}$ is ....

40. $3 - 2\frac{1}{3}$ = ...

Question 03 — Answer the following questions

1. Samira studied MATH for $1\frac{1}{2}$ hours and scince for 40 minutes . How many minutes did Samira study in all ?

....

2. Remas and Fatma bought pieces chocolate , Remas ate $\frac{3}{10}$ of them and fatma ate $\frac{2}{5}$ of them and 12 pieces are left . What is the number of pieces did they buy ?

....

3. Mohamed bought a book by $\frac{1}{3}$ of his money and a candy by $\frac{2}{7}$ of his money and saved the left money . What fraction of money does Mohamed save ?

....

4. Yara's garden consists of $\frac{3}{8}$ poppies , $\frac{1}{4}$ roses and flowers in the rest of the garden what fraction of the flowers in the garden ?

....

5. Besan collected $6\frac{2}{7}$ of honey . She gave his sister Sandy $3\frac{3}{4}$ kg of them . How many kilograms are left ?

....

6. Yousef spent $\frac{5}{6}$ of his money for buying candy and $\frac{3}{4}$ for buying clothes . Write their fractions with like denominators .

....

7. Kareem reads for $3\frac{1}{4}$ hours and runs for 20 minutes . How many minutes did he spend in all ?

....

8. MR Mahmoud Elkholy walked $1\frac{1}{2}$ km and his student Ebrahim walked $2\frac{3}{5}$ km more . What distance that Ebrahim walked ?

....

9. Lena ate $1\frac{3}{4}$ kg of fruits , Yasin ate $\frac{1}{5}$ kg more than Lena and Jana ate kg less than Yasin . How mamy kilograms did Jana eat ?

....

(10) Seif studied MATH for $3\frac{1}{4}$ hours and scince for 30 minutes . How many hours did Seif study in all ?

....

(11) If Mohamed has $2\frac{2}{5}$ kg of flour . He used $1\frac{1}{5}$ kg to make a cake . How many kilograms of flour with him now ?.



....

(12) Anas ate $\frac{1}{4}$ kg of oranges , Mona ate $\frac{2}{5}$ kg . what they ate together ?

....

(13) Ahmed collected $6\frac{2}{5}$ kg of honey. He gave his sister $3\frac{1}{3}$ kg of them. How many kilograms are left ?

....

(14) Find the value of K in the following

$$\frac{k}{7} + \frac{3}{14} = \frac{2}{14} + \frac{3}{14}$$

....

(15) Asmaa bought $\frac{5}{7}$ kg of oranges. she use $\frac{2}{3}$ kg to make juice. What is the remainder of oranges ?

....

(16) Rawda bought $\frac{8}{9}$ kg of beans, She used $\frac{3}{4}$ of them to make falafel , then What is the reminder of the beans ?

....

انتهت الأسئلة مع أطيب التمنيات بالنجاح والتوفيق



Answers





February Questions Bank

Question 01 choose the correct answer

1. The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{3}$ is ....
   (a) 18 (b) 6 (c) 3 (d) 2

2. The simplest form of form of $\frac{6}{12}$ is ....
   (a) $\frac{1}{2}$ (b) $\frac{2}{3}$ (c) $\frac{5}{6}$ (d) $\frac{12}{6}$

3. $4\frac{2}{10}$ is equivalent to ....
   (a) $4\frac{20}{100}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) All of them

4. The simplest form of $4\frac{2}{10}$ is ....
   (a) $4\frac{3}{4}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) $2\frac{3}{4}$

5. The LCM of denominators of $\frac{4}{7}$ and $\frac{2}{5}$ is ....
   (a) 7 (b) 35 (c) 5 (d) $\frac{6}{35}$

6. $\frac{1}{4}+\frac{3}{16}=\cdots..$
   (a) $\frac{7}{16}$ (b) 0 (c) 16 (d) $\frac{4}{20}$

7. $\frac{2}{8}+\frac{6}{8}=\cdots\ldots$
   (a) $\frac{4}{6}$ (b) $\frac{2}{3}$ (c) 1 (d) $\frac{6}{8}$

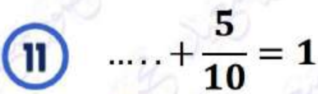
8. $\frac{7}{9}-\frac{3}{9}=\cdots..$
   (a) $\frac{4}{9}$ (b) $\frac{5}{0}$ (c) 1 (d) $\frac{10}{9}$

9. $\frac{1}{5}+\frac{2}{3}=\cdots....$
   (a) $\frac{13}{15}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$

10. $\ldots\ldots..+\frac{5}{8}=1$
    (a) $\frac{4}{8}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$



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11 $\ldots\ldots + \frac{5}{10} = 1$

ⓐ $\frac{1}{2}$ ⓑ $\frac{5}{10}$ ⓒ $\frac{4}{8}$ ⓓ all of them

12 $1 - \cdots\ldots = 0$

ⓐ $\frac{1}{2}$ ⓑ $\frac{10}{10}$ ⓒ $\frac{2}{3}$ ⓓ 0

13 $1 - \cdots\ldots = 1$

ⓐ $\frac{1}{2}$ ⓑ $\frac{10}{10}$ ⓒ $\frac{0}{3}$ ⓓ 1

14 $1 - \frac{3}{5} - \frac{2}{5} = \cdots\ldots$

ⓐ 0 ⓑ 2 ⓒ $\frac{5}{5}$ ⓓ 1

15 $1 + \frac{3}{5} + \frac{2}{5} = \cdots\ldots$

ⓐ 0 ⓑ 2 ⓒ $\frac{5}{5}$ ⓓ 1

16 $\frac{1}{\ldots\ldots} = \frac{12}{24}$



ⓐ 0 ⓑ 2 ⓒ 3 ⓓ 1

17 $\frac{1}{\ldots\ldots} = \frac{8}{24}$

ⓐ 0 ⓑ 3 ⓒ 2 ⓓ 1

18 $4\frac{3}{5} \neq \ldots\ldots$

ⓐ $10\frac{3}{5}$ ⓑ $3\frac{8}{5}$ ⓒ $\frac{23}{5}$ ⓓ $4\frac{6}{10}$

19 $8\frac{1}{6} + 3.5 = \cdots\ldots$

ⓐ $11\frac{2}{3}$ ⓑ $11\frac{1}{6}$ ⓒ $4\frac{2}{3}$ ⓓ 5

20 190 Seconds =....................Minutes

ⓐ $\frac{190}{24}$ ⓑ $3\frac{1}{6}$ ⓒ 3 ⓓ All of Them

21 18 month = ...year

ⓐ $\frac{18}{12}$ ⓑ $1\frac{1}{2}$ ⓒ $\frac{3}{2}$ ⓓ All of Them

22 $\frac{3}{4}$ year =............... Months.

ⓐ 3 ⓑ 4 ⓒ 5 ⓓ 9

23 $2 - \frac{2}{5} - \frac{1}{5} = \cdots$

ⓐ $1\frac{2}{5}$ ⓑ $\frac{2}{5}$ ⓒ $\frac{2}{3}$ ⓓ 1

24 $5+\frac{3}{5}+\frac{2}{5}=\cdots$

ⓐ $5\frac{2}{5}$ ⓑ 6 ⓒ $\frac{18}{4}$ ⓓ 4

25 $\frac{2}{3}+\frac{7}{12}=1+\cdots\ldots$

ⓐ $\frac{2}{5}$ ⓑ $\frac{1}{4}$ ⓒ $\frac{1}{3}$ ⓓ $\frac{1}{5}$

26 $\frac{1}{4}+\frac{3}{12}=1-\cdots\ldots$

ⓐ $\frac{1}{2}$ ⓑ $\frac{1}{4}$ ⓒ $\frac{1}{3}$ ⓓ $\frac{1}{5}$

27 $m-\frac{5}{7}=\frac{1}{4}$ *, then the value of m is* ……………….

ⓐ $\frac{27}{28}$ ⓑ $\frac{13}{28}$ ⓒ $\frac{1}{4}$ ⓓ $\frac{5}{7}$

28 $\frac{7}{14}+e=\frac{1}{2}$ *, then the value of e is* … … … … … … …

ⓐ $\frac{8}{14}$ ⓑ 0 ⓒ $\frac{5}{14}$ ⓓ $\frac{5}{7}$

29 $\frac{11}{16}-a=\frac{1}{4}$ *, then the value of a is* … … … … … … …

ⓐ $\frac{8}{16}$ ⓑ $\frac{7}{16}$ ⓒ $\frac{10}{12}$ ⓓ $\frac{6}{6}$

30 $\frac{12}{20}$ *is equivalent to* ……………..

ⓐ $\frac{8}{10}$ ⓑ $\frac{3}{5}$ ⓒ $\frac{10}{12}$ ⓓ $\frac{6}{5}$

31 $\frac{25}{8}$ *is equivalent to* … … … … … …

ⓐ $2\frac{1}{8}$ ⓑ $3\frac{1}{25}$ ⓒ $3\frac{1}{8}$ ⓓ $\frac{8}{25}$

32 $3\frac{5}{6}$ *is equivalent to* … … … … … …

ⓐ $2\frac{5}{6}$ ⓑ $4\frac{1}{25}$ ⓒ $3\frac{1}{6}$ ⓓ $\frac{23}{6}$

33 $3\frac{2}{6}$ *is equivalent to* … … … … … …

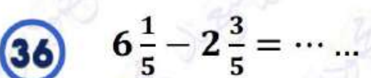
ⓐ $2\frac{8}{6}$ ⓑ $3\frac{1}{6}$ ⓒ $2\frac{2}{6}$ ⓓ $\frac{23}{6}$

34 $8\frac{8}{8}$ *is equivalent to* … … … … … …

ⓐ $9\frac{5}{6}$ ⓑ $8\frac{1}{8}$ ⓒ 81 ⓓ 9

35 $5\frac{2}{8}+3\frac{6}{8}=\cdots..$

ⓐ 9 ⓑ $8\frac{1}{6}$ ⓒ $8\frac{4}{6}$ ⓓ $\frac{23}{6}$



36. $6\frac{1}{5} - 2\frac{3}{5} = \cdots \ldots$

(a) $4\frac{4}{5}$ (b) $4\frac{2}{5}$ (c) $3\frac{3}{5}$ (d) $\frac{31}{5}$

37. $3\frac{1}{8} - 2\frac{3}{8} = \cdots \ldots$

(a) $5\frac{4}{5}$ (b) $5\frac{1}{2}$ (c) $1\frac{4}{8}$ (d) $1\frac{2}{8}$

38. $9\frac{2}{9} - 3\frac{1}{3} = \cdots \ldots$

(a) $3\frac{2}{3}$ (b) $6\frac{7}{9}$ (c) $6\frac{1}{9}$ (d) 6

39. $4\frac{3}{7} + \cdots \ldots = 5\frac{1}{3}$

(a) $9\frac{4}{21}$ (b) $1\frac{16}{21}$ (c) 1 (d) $\frac{19}{21}$

40. $m - 7\frac{2}{12} = 3\frac{1}{4}$ *, then the value of m is* ……………………

(a) $10\frac{5}{12}$ (b) $3\frac{11}{12}$ (c) 4 (d) $4\frac{1}{8}$

41. $a + 6\frac{4}{12} = 9\frac{3}{4}$ *, then the value of a is* ……………………

(a) $3\frac{5}{12}$ (b) $15\frac{7}{12}$ (c) 2.5 (d) $16\frac{1}{12}$

42. $5\frac{1}{5} - e = 3\frac{3}{5}$ *, then the value of e is* ……………………

(a) $2\frac{2}{5}$ (b) $1\frac{3}{5}$ (c) $1\frac{4}{5}$ (d) $8\frac{4}{5}$

43. $\frac{1}{2}$ *year* = ⋯ … *months*

(a) 5 (b) 6 (c) 2 (d) 1

44. $\frac{1}{6}$ *year* = ⋯ … *months*

(a) 5 6 (c) 2 (d) 1

45. $\frac{1}{5}$ *hour* = ⋯ … *minutes*

(a) 12 (b) 7 (c) 5 (d) 1

46. $1\frac{1}{8}$ *day* = ⋯ … … . . *hours*

(a) 24 (b) 8 (c) 27 (d) 2

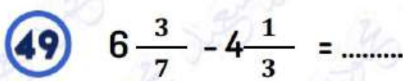
47. The mixed number $5\frac{3}{7}$ by regrouping is ....

(a) $5\frac{3}{7}$ (b) $4\frac{10}{7}$ (c) $3\frac{10}{7}$ (d) $3\frac{8}{3}$

48. $2\frac{1}{4}$ year =............... Months.

(a) 24 (b) 6 (c) 30 (d) 27





49. $6\frac{3}{7} - 4\frac{1}{3}$ = ...
   - a) $2\frac{2}{7}$
   - b) $2\frac{2}{21}$
   - c) $2\frac{2}{4}$
   - d) 1

50. $\frac{1}{4} + \frac{1}{3}$ = ...
   - a) $\frac{2}{7}$
   - b) $\frac{7}{12}$
   - c) $\frac{1}{7}$
   - d) $\frac{1}{12}$

Question 02 complete

1. $4\frac{1}{2}$ *years* = ⋯ 4 ... *years* +... 6 ... *months*
2. $3\frac{1}{2}$ *hours* = ⋯ 3 ... *hours* + ⋯ 30 ... *minutes*
3. $7\frac{3}{4}$ *hours* = ⋯ 7 ... *hours* + ⋯ 45 ... *minutes*
4. $\frac{4}{5} = \frac{a}{10}$,then a = ...8......
5. .....$1\frac{11}{20}$....... - $\frac{3}{4} = \frac{4}{5}$
6. $3\frac{2}{5}$ - ....$2\frac{4}{15}$...... = $1\frac{2}{15}$
7. $2\frac{1}{2}$ *hour* = ...150........ minutes
8. 23 days = ...$3\frac{2}{7}$............. weeks
9. $2\frac{5}{7} = 2\frac{10}{b}$ then b = ...14.....
10. $\frac{6}{8}$ = ...$\frac{3}{4}$......... " in the simplest form "
11. k + $\frac{1}{4} = 3\frac{7}{8}$ then k =......$3\frac{5}{8}$.....
12. 1 - ...$\frac{8}{9}$....... = $\frac{1}{9}$
13. $1 - \frac{1}{4} - \frac{1}{6}$ = ...$\frac{7}{12}$.....
14. $3\frac{5}{6} - 1\frac{1}{3}$ = 2 + ...$\frac{1}{2}$....
15. $2\frac{2}{3}$ hours = ...2..... hours , and ......40... minutes .
16. $\frac{5}{8} + \frac{1}{2}$ = 1 + ...$\frac{1}{8}$......
17. The mixed number $5\frac{3}{7}$ by regrouping is .....$4\frac{10}{7}$ ......
18. $6\frac{3}{8}$ - n = $5\frac{2}{3}$,then n = ...$\frac{17}{24}$..... .






(19) $3 - 2\frac{1}{3} = ...\frac{2}{3}......$

(20) The L.C.M of denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is ......25.....

(21) The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{4}$ is ......12.....

(22) $\frac{3}{4}$ year =.........9....... Months.

(23) The smallest like denominator of $\frac{5}{6}$ *and* $\frac{1}{3}$ is......6....

(24) If $\frac{7}{14}$ + m = 1 then m =......$\frac{7}{14} = \frac{1}{2}$......

(25) $\frac{29}{8} = ...3\frac{5}{8}......$ (as a mixed number)

(26) $3\frac{1}{4} = ...\frac{13}{4}.....$ (as an improper fraction)

(27) $1\frac{1}{8}$ days = ...27...... hours.

(28) 190 second =......$3\frac{1}{6}$...... minutes .

(29) $2\frac{3}{5}$ +...... $\frac{13}{20}$ .....= $3\frac{1}{4}$

(30) The L C M of denominators of $\frac{3}{7}$ *and* $\frac{1}{3}$ *iS*...21....

(31) $1\frac{1}{2}$ hours =... 90...... Minutes

(32) $4\frac{5}{6} + 1\frac{1}{6}$ = ...6..........

(33) $2 - \frac{3}{4}$ = ...$1\frac{1}{4}$..........

(34) $2\frac{1}{2}$ hours = ...150. Minutes

(35) The L.C.M of denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is ......25.....

(36) If $x + 1\frac{1}{7} = 6\frac{4}{7}$, then x = ...$5\frac{3}{7}$..........

(37) $1 - \frac{5}{9}$ = ...$\frac{4}{9}$.........

(38) The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{4}$ is ...12........

(39) The simplest form of $\frac{12}{18}$ is ......$\frac{2}{3}$.......

(40) $3 - 2\frac{1}{3} = ...\frac{2}{3}$ ......

Question 03 Answer the following questions

1. Samira studied MATH for $1\frac{1}{2}$ hours and scince for 40 minutes . How many minutes did Samira study in all ?

$1\frac{1}{2} \times 60 = 90 \text{ min} \quad \backslash\backslash \quad 90 + 40 = 130\ min$

2. Remas and Fatma bought pieces chocolate , Remas ate $\frac{3}{10}$ of them and fatma ate $\frac{2}{5}$ of them and 12 pieces are left . What is the number of pieces did they buy ?

$\frac{3}{10} + \frac{2}{5} = \frac{7}{5} \quad \backslash\backslash \quad 1\frac{7}{10} - \frac{3}{10} = \frac{3}{10} \quad \backslash\backslash \quad \frac{12}{60} = \quad 60\ pieces$

3. Mohamed bought a book by $\frac{1}{3}$ of his money and a candy by $\frac{2}{7}$ of his money and saved the left money . What fraction of money does Mohamed save ?

$\frac{1}{3} + \frac{2}{7} = \frac{13}{21} \quad \backslash\backslash \quad 1 - \frac{13}{21} = \frac{8}{21}\ of\ his\ money$

4. Yara's garden consists of $\frac{3}{8}$ poppies , $\frac{1}{4}$ roses and flowers in the rest of the garden what fraction of the flowers in the garden ?

$\frac{3}{8} + \frac{1}{4} = \frac{5}{8} \quad \backslash\backslash \quad 1 - \frac{5}{8} = \frac{3}{8}$

5. Besan collected $6\frac{2}{7}$ of honey . She gave his sister Sandy $3\frac{3}{4}$ kg of them . How many kilograms are left ?

$6\frac{2}{7} + 3\frac{3}{4} = 2\frac{15}{28}$

6. Yousef spent $\frac{5}{6}$ of his money for buying candy and $\frac{3}{4}$ for buying clothes . Write their fractions with like denominators .

$\frac{10}{12}$, $\frac{9}{12}$

7. Kareem reads for $3\frac{1}{4}$ hours and runs for 20 minutes . How many minutes did he spend in all ?

$3\frac{1}{4}$ hr = 60 x 3 + 15 = 195 min

195 + 20 = 215 min

8. MR Mahmoud Elkholy walked $1\frac{1}{2}$ km and his student Ebrahim walked $2\frac{3}{5}$ km more . What distance that Ebrahim walked ?

$1\frac{1}{2} + 2\frac{3}{5} = 4\frac{1}{10}\ km$

9. Lena ate $1\frac{3}{4}$ kg of fruits , Yasin ate $\frac{1}{5}$ kg more than Lena and Jana ate kg less than Yasin . How mamy kilograms did Jana eat ?

$yasin = 1\frac{3}{4} + \frac{1}{5} = 1\frac{19}{20}\ kg$

$Jana = 1\frac{19}{20} - \frac{3}{10} = 1\frac{13}{20}\ kg$





(10) Seif studied MATH for $3\frac{1}{4}$ hours and scince for 30 minutes . How many hours did Seif study in all ?

$3\frac{1}{4}+\frac{1}{2}=3\frac{3}{4}$ *hours*

(11) If Mohamed has $2\frac{2}{5}$ kg of flour . He used $1\frac{1}{5}$ kg to make a cake . How many kilograms of flour with him now ?.

$2\frac{2}{5} - 1\frac{1}{5} = 1\frac{1}{5}$ kg

(12) Anas ate $\frac{1}{4}$ kg of oranges , Mona ate $\frac{2}{5}$ kg . what they ate together ?

$\frac{1}{4}+\frac{2}{5}=\frac{13}{20}$ kg

(13) Ahmed collected $6\frac{2}{5}$ kg of honey. He gave his sister $3\frac{1}{3}$ kg of them. How many kilograms are left ?

$6\frac{2}{5} - 3\frac{1}{3} = 3\frac{1}{15}$ kg

(14) Find the value of K in the following

$$\frac{k}{7}+\frac{3}{14}=\frac{2}{14}+\frac{3}{14}$$

K = 2

(15) Asmaa bought $\frac{5}{7}$ kg of oranges. she use $\frac{2}{3}$ kg to make juice. What is the remainder of oranges ?

$\frac{5}{7} - \frac{2}{3} = \frac{1}{21}$ kg

(16) Rawda bought $\frac{8}{9}$ kg of beans, She used $\frac{3}{4}$ of them to make falafel , then What is the reminder of the beans ?

$\frac{8}{9} - \frac{3}{4} = \frac{5}{36}$ kg

انتهت الأسئلة مع أطيب التمنيات بالنجاح والتوفيق

حمل الآن

مجانا وحصريا

المراجعة رقم (5)

اختبار شهر فبراير





Choose the correct answer:

1 $\frac{2}{5}$, $\frac{3}{15}$ are equivalent to ....

ⓐ $\frac{5}{15}, \frac{3}{15}$ ⓑ $\frac{2}{5}, \frac{1}{5}$ ⓒ $\frac{2}{5}, \frac{3}{5}$ ⓓ $\frac{8}{20}, \frac{5}{20}$

2 The smallest like denominator of $\frac{3}{4}$ and $\frac{4}{5}$ is ....

ⓐ 20 ⓑ 10 ⓒ 12 ⓓ 40

3 $\frac{3}{4} - \frac{1}{3} =$ ....

ⓐ $\frac{1}{2}$ ⓑ $\frac{1}{4}$ ⓒ $\frac{5}{12}$ ⓓ $\frac{1}{3}$

4 $\frac{2}{5} + \frac{3}{10} =$ ....

ⓐ $\frac{5}{15}$ ⓑ $\frac{7}{10}$ ⓒ $\frac{5}{10}$ ⓓ $\frac{1}{2}$

5 $\frac{3}{4} - \frac{5}{8} =$ ....

ⓐ $\frac{1}{4}$ ⓑ $\frac{1}{8}$ ⓒ $\frac{3}{8}$ ⓓ $\frac{5}{8}$

6 $5\frac{1}{2} + 3\frac{1}{5} =$ ....

ⓐ $8\frac{2}{7}$ ⓑ $8\frac{7}{10}$ ⓒ $8\frac{1}{2}$ ⓓ $8\frac{2}{5}$

7 $1\frac{4}{5} - 1\frac{1}{20} =$ ....

ⓐ $\frac{7}{20}$ ⓑ $\frac{4}{3}$ ⓒ $\frac{3}{4}$ ⓓ $1\frac{1}{5}$

8 $\frac{5}{7} - \text{........} = \frac{1}{7}$

ⓐ $\frac{1}{7}$ ⓑ $\frac{4}{7}$ ⓒ $\frac{5}{7}$ ⓓ $\frac{6}{7}$

9	$4\frac{4}{5}+\frac{3}{5}=5+$......... (a) $\frac{7}{5}$ (b) $\frac{2}{5}$ (c) $\frac{3}{5}$ (d) $\frac{1}{5}$
10	$4\frac{3}{7}+1\frac{5}{7}$ = ... (a) $5\frac{1}{7}$ (b) $6\frac{1}{7}$ (c) $5\frac{8}{14}$ (d) $6\frac{2}{7}$
11	$5\frac{5}{8}-3\frac{2}{8}$ = ... (a) $8\frac{7}{8}$ (b) $3\frac{3}{8}$ (c) $2\frac{1}{4}$ (d) $2\frac{3}{8}$
12	If: $4\frac{3}{5}+K=6\frac{2}{5}$, then K = ... (a) $1\frac{4}{5}$ (b) 11 (c) $2\frac{1}{5}$ (d) $1\frac{3}{5}$
13	Two fractions: $2\frac{5}{8}$, $1\frac{3}{4}$ with like denominators are .... (a) $2\frac{5}{16},1\frac{3}{16}$ (b) $1\frac{5}{8},2\frac{6}{8}$ (c) $2\frac{5}{8},1\frac{3}{8}$ (d) $2\frac{5}{8},1\frac{6}{8}$
14	$9\frac{4}{7}-9\frac{1}{7}$ = ... (a) 0 (b) $9\frac{3}{7}$ (c) $\frac{3}{7}$ (d) $1\frac{2}{7}$
15	$\frac{19}{5}$ is equivalent to .... (a) $3\frac{3}{5}$ (b) $4\frac{1}{5}$ (c) $3\frac{5}{5}$ (d) $3\frac{4}{5}$
16	$3\frac{4}{7}$ can be regrouped as .... (a) 3 (b) 4 (c) $2\frac{11}{7}$ (d) $2\frac{4}{7}$
17	$\frac{17}{3}$ is equivalent to .... (a) $\frac{1}{6}$ (b) $7\frac{1}{2}$ (c) $3\frac{2}{5}$ (d) $5\frac{2}{3}$

18 $9\frac{4}{7} = 8\frac{.....}{.....}$

ⓐ $\frac{3}{7}$ ⓑ $\frac{4}{7}$ ⓒ $\frac{11}{7}$ ⓓ $\frac{67}{7}$

19 $\frac{4}{7} - \frac{2}{5}$ = ...

ⓐ 1 ⓑ $\frac{6}{5}$ ⓒ $\frac{6}{35}$ ⓓ $\frac{6}{7}$

20 $3\frac{3}{7}$ = ... (as an improper fraction)

ⓐ $1\frac{17}{7}$ ⓑ $2\frac{10}{7}$ ⓒ $\frac{24}{7}$ ⓓ $1\frac{4}{7}$

21 $9\frac{1}{7}$ can be regrouped as ....

ⓐ 64 ⓑ $8\frac{8}{7}$ ⓒ $\frac{1}{7}$ ⓓ $1\frac{2}{7}$

22 The LCM of the denominators of $\frac{4}{7}$ and $\frac{1}{2}$ is ....

ⓐ 2 ⓑ 7 ⓒ 14 ⓓ 28

23 If: $k - 4\frac{3}{5} = 6\frac{2}{5}$, then k = ...

ⓐ 4 ⓑ 6 ⓒ 10 ⓓ 11

24 $3\frac{4}{7} + 2\frac{3}{8} + 1\frac{3}{7}$ = ...

ⓐ $7\frac{3}{8}$ ⓑ $6\frac{10}{22}$ ⓒ $6\frac{5}{11}$ ⓓ $6\frac{3}{8}$

25 $\frac{1}{2} + \frac{1}{3}$ = ...

ⓐ $\frac{2}{5}$ ⓑ $\frac{2}{6}$ ⓒ $\frac{5}{6}$ ⓓ $\frac{1}{6}$

26 [5 of 6 parts shaded] − [1 of 3 parts shaded] =

ⓐ $\frac{2}{6}$ ⓑ $\frac{1}{2}$ ⓒ $\frac{5}{6}$ ⓓ $\frac{1}{3}$



Essay Problems:

1	Omnia purchased $\frac{4}{5}$ kg of fava beans. She used $\frac{3}{4}$ kg of them to make falafel. How many kilograms of fava beans did she have left? ....
2	A road is 10 km long. If $4\frac{5}{7}$ km is paved. How many kilometers aren't paved? ....
3	Abeer is mixing juice for a celebration. She mixes $5\frac{3}{4}$ liters of fruit juice concentrate with $1\frac{1}{2}$ liters more water. She needs 12 liters of the mixture for the celebration. Does she have enough? Explain. ....
4	Ali bought a book for $20\frac{3}{8}$ pounds and a pen for $5\frac{1}{2}$ pounds. How much money did he pay? ....
5	Ahmed ran for $2\frac{1}{5}$ km, Ali ran $1\frac{1}{2}$ km more. What is the distance that Ali ran? ....
6	$5\frac{3}{4}$ years = ... years and .... months
7	5 minutes and 40 seconds = ... minutes
8	1 – .... = $\frac{5}{7}$
9	Ahmed walked $1\frac{3}{7}$ km in the first day, $2\frac{1}{7}$ km in the second day. Find the total he walked in the two days. ....



حمل الآن

مجانا وحصريا

المراجعة رقم (6)

اختبار شهر فبراير







FEBRUARY REVISION 2025 - SECOND TERM

GRADE 5 - UNIT (8)

Q1: CHOOSE THE CORRECT ANSWER

1. $\frac{6}{9} - \text{.........} = \frac{1}{3}$

   a) $\frac{1}{3}$ b) $\frac{1}{9}$ c) $\frac{5}{9}$ d) $\frac{2}{3}$

2. The smallest like denominator for the fractions $\frac{3}{4}$ and $\frac{2}{3}$ is ....

   a) 4 b) 3 c) 12 d) 24

3. $\frac{35}{56} = \text{.........}$

   a) $\frac{8}{5}$ b) $\frac{7}{5}$ c) $\frac{7}{8}$ d) $\frac{5}{8}$

4. $\frac{6}{7} + \frac{9}{14} = 1 + \text{...........}$

   a) $\frac{21}{14}$ b) $\frac{9}{7}$ c) $\frac{1}{2}$ d) 7

5. $\frac{16}{48} = \frac{\text{....}}{3}$

   a) 1 b) 2 c) 3 d) 4

6. $\frac{1}{5} + \text{.........} = \frac{1}{2}$

   a) $\frac{1}{3}$ b) $\frac{2}{7}$ c) $\frac{3}{10}$ d) $\frac{1}{5}$

7. $\frac{1}{2} + \frac{6}{8} + 5 = \text{...........}$

   a) $5\frac{7}{8}$ b) $6\frac{1}{8}$ c) $5\frac{1}{4}$ d) $6\frac{1}{4}$

8. $\frac{7}{5}$ is called a/an ....

   a) proper fraction b) mixed number c) whole number d) improper fraction

9. $1 - \frac{1}{3} - \frac{2}{3} = \text{...........}$

   a) $\frac{1}{3}$ b) $\frac{2}{3}$ c) zero d) 1



FOLLOW US



10. $1 - \text{............} = \frac{3}{8}$

ⓐ $\frac{2}{8}$ ⓑ $\frac{3}{8}$ ⓒ $\frac{1}{2}$ ⓓ $\frac{5}{8}$

11. $\frac{2}{5} + \frac{2}{10} = \text{............}$

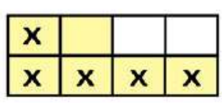
ⓐ $\frac{3}{5}$ ⓑ $\frac{7}{10}$ ⓒ $\frac{5}{10}$ ⓓ $\frac{1}{2}$

12. $\frac{5}{7} + k = 1\frac{2}{7}$, then k = ...

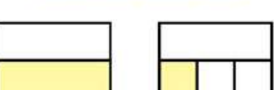
ⓐ $\frac{3}{7}$ ⓑ $\frac{4}{7}$ ⓒ $1\frac{4}{7}$ ⓓ $\frac{2}{7}$

Q2: COMPLETE THE FOLLOWING

1. The smallest like denominator for the fractions $\frac{2}{5}$ and $\frac{7}{10}$ is ....
2. The two like denominator fractions of $\frac{3}{8}$ and $\frac{2}{3}$ using LCM are ....
3. The sum of ($\frac{5}{21}$, $\frac{4}{7}$) is ....
4. If $k - \frac{2}{3} = \frac{3}{7}$, then k = ...
5. $2 - \frac{2}{3} - \frac{1}{4} = \text{..........}$
6. $1 + \frac{1}{5} + \frac{3}{4} = \text{.........}$
7. If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then the value of k = ...
8. The subtraction operation represented by the opposite model is ....



9. The addition operation represented by the opposite models is: .... + ... = ...

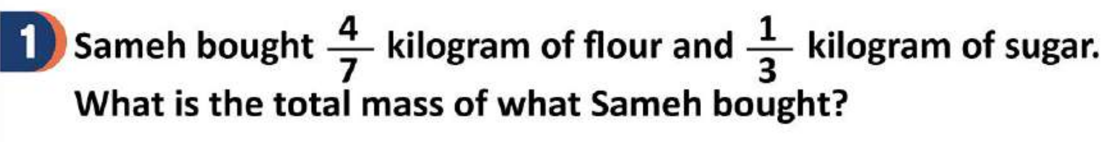


10. .... $- \frac{5}{8} = \frac{1}{4}$
11. $\frac{1}{4}$ of 24 = ...
12. $\frac{5}{8} = \frac{....}{....} = \frac{....}{....} = \frac{....}{....}$





Q3: ANSWER THE FOLLOWING



1. Sameh bought $\frac{4}{7}$ kilogram of flour and $\frac{1}{3}$ kilogram of sugar. What is the total mass of what Sameh bought?

....

2. Rehab needs two bottles of oil. If she has a bottle $\frac{3}{5}$ full How much oil will she need to have a full two bottles?

....

3. Write the following fraction with like denominators:

   (a) $\frac{2}{5}$, $\frac{3}{4}$ (b) $\frac{1}{6}$, $\frac{5}{12}$ (c) $\frac{5}{18}$, $\frac{1}{12}$

....

4. Marwa spends $\frac{2}{3}$ hour doing her Arabic homework, $\frac{3}{5}$ hour doing the math homework, and 3 hour doing the English homework. Calculate the time she spends doing her homework.

....

5. Find the result in the simplest form:

   (a) $\frac{3}{4} + \frac{5}{6}$ (b) $\frac{1}{2} - \frac{1}{6}$ (c) $\frac{5}{9} - \frac{1}{2}$

....

6. Murad bought 4 kg of oranges, he used $\frac{5}{7}$ kg of them to make juice . Calculate how many kilograms of orange are left?

....

7. $\frac{1}{3}$ of the flowers in the school garden are white, $\frac{1}{4}$ are pink and the rest are blue. What fraction represents the blue flowers?

....



FOLLOW US



Q1: CHOOSE THE CORRECT ANSWER

1 $5 - 2\frac{2}{5} = ...$

(a) $2\frac{3}{5}$ (b) $3\frac{3}{5}$ (c) $2\frac{2}{5}$ (d) $3\frac{2}{5}$

2 If $4\frac{3}{5} + m = 6\frac{2}{5}$, then the value of m = ...

(a) $1\frac{4}{5}$ (b) $2\frac{1}{5}$ (c) 11 (d) $1\frac{3}{5}$

3 The fraction $3\frac{3}{4}$ by regrouping is ....

(a) $\frac{14}{4}$ (b) $2\frac{6}{4}$ (c) $1\frac{11}{4}$ (d) $2\frac{5}{4}$

4 $\frac{15}{6} = ...$

(a) $3\frac{2}{6}$ (b) $2\frac{1}{4}$ (c) $2\frac{1}{2}$ (d) $1\frac{1}{2}$

5 $3\frac{1}{4} + m = 5\frac{1}{2}$, then the value of m = ...

(a) $1\frac{1}{2}$ (b) $2\frac{1}{2}$ (c) $1\frac{1}{4}$ (d) $2\frac{1}{4}$

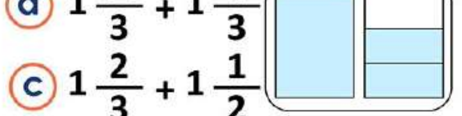
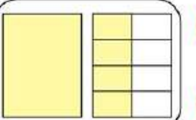
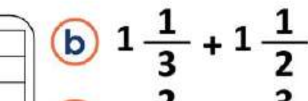
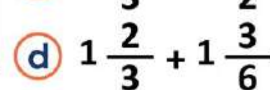
6 $3\frac{1}{2} - .... = 1\frac{3}{8}$

(a) $2\frac{5}{8}$ (b) $1\frac{1}{8}$ (c) $1\frac{5}{8}$ (d) $2\frac{1}{8}$

7 The mixed numbers $2\frac{2}{6}$ and $3\frac{6}{8}$ by using a like denominator are .... and ....

(a) $2\frac{8}{24}, 3\frac{21}{24}$ (b) $2\frac{5}{8}, 3\frac{6}{8}$ (c) $2\frac{2}{6}, 3\frac{2}{6}$ (d) $2\frac{4}{12}, 3\frac{9}{12}$

8 The addition problem that represents the following model is ....

(a) $1\frac{1}{3} + 1\frac{2}{3}$ (b) $1\frac{1}{3} + 1\frac{1}{2}$ (c) $1\frac{2}{3} + 1\frac{1}{2}$ (d) $1\frac{2}{3} + 1\frac{3}{6}$





9) 2 hours and a half = ... minutes.

ⓐ 150 ⓑ 140 ⓒ 135 ⓓ 120

10) $4\frac{8}{9} + \frac{1}{3}$ = ... + $\frac{2}{9}$

ⓐ $5\frac{2}{3}$ ⓑ 5 ⓒ 4 ⓓ 3

11) 130 minutes = ... hours.

ⓐ $2\frac{1}{6}$ ⓑ $2\frac{1}{2}$ ⓒ $2\frac{1}{4}$ ⓓ $2\frac{1}{3}$

12) $3\frac{3}{4}$ hour = ... minutes.

ⓐ 250 ⓑ 225 ⓒ 195 ⓓ 230

13) $1\frac{1}{3}$ year = ... months.

ⓐ 16 ⓑ 15 ⓒ 18 ⓓ 14

Q2: COMPLETE THE FOLLOWING



1) A fraction whose numerator is greater than its denominator is called a/an ....

2) $4\frac{1}{3} - 2\frac{2}{3}$ = ...

3) $3\frac{12}{11} = 4\frac{....}{....}$

4) $g - 3\frac{2}{5} = 2\frac{3}{5}$, then g = ...

5) $1\frac{2}{5}$ + ... = 3

6) 3 years + 3 months = ... years.

7) 30 months = ... years.

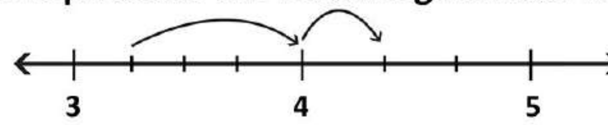
8) 5 minutes + 40 seconds = ... minutes.

9) 48 minutes = ... hour

10) $5\frac{2}{5}$ − .... = $1\frac{1}{3}$

11) .... + $2\frac{5}{7} = 4\frac{3}{14}$

12) The subtraction problem that represents the following number line is ....



13) $4\frac{2}{5} = 3\frac{....}{....}$

14) $5\frac{2}{5}$ = ... minutes , ... seconds

15) 15 minutes = ... hours.





Q3: ANSWER THE FOLLOWING

1. Ahmeed Nassr collected $4\frac{1}{4}$ kg of dates, he gave $2\frac{3}{5}$ kg to his friend. How many kilograms are left with Ahmeed Nassr?

   ....

2. Find the missing number using any strategy. Simplify, if possible:

   (a) $15\frac{1}{4} - c = 8$ (b) $4\frac{2}{5} + k = 9\frac{3}{4}$

   ....

3. A tank of water contains $4\frac{4}{5}$ liter of water. Sara used $1\frac{1}{4}$ liters and Murad drank $\frac{3}{4}$ liter, How much of water is left in the tank?

   ....

4. Use an area model to add: $1\frac{1}{3} + 3\frac{1}{4}$ = ...

		+				

5. Assil had $15\frac{1}{2}$ pounds, she bought a ruler for $4\frac{1}{4}$ pounds and a pen for $5\frac{1}{2}$ pounds. What is the remaining amount with Assil?

   ....

6. Mariam spent $3\frac{1}{2}$ hours studying. The next day, she spent $1\frac{1}{2}$ fewer hours than the previous day. How many hours did Mariam spend studying on both days?

   ....

7. Kiven spends $2\frac{1}{4}$ hours studying Arabic and 30 minutes more time studying mathematics. How much time does Kiven spend studying mathematics and Arabic?

   ....

8. Azz walked $5\frac{2}{3}$ km on Thursday and $2\frac{4}{12}$ km on Friday. How many kilometers did he walk in total over the two days?





FEBRUARY REVISION 2025 - SECOND TERM

GRADE 5 - UNIT (8)

Q1: CHOOSE THE CORRECT ANSWER

1 $\frac{6}{9}$ – .... = $\frac{1}{3}$

(a) $\frac{1}{3}$ (b) $\frac{1}{9}$ (c) $\frac{5}{9}$ (d) $\frac{2}{3}$

2 The smallest like denominator for the fractions $\frac{3}{4}$ and $\frac{2}{3}$ is ....

(a) 4 (b) 3 (c) 12 (d) 24

3 $\frac{35}{56}$ = ...

(a) $\frac{8}{5}$ (b) $\frac{7}{5}$ (c) $\frac{7}{8}$ (d) $\frac{5}{8}$

4 $\frac{6}{7} + \frac{9}{14}$ = 1 + ...

(a) $\frac{21}{14}$ (b) $\frac{9}{7}$ (c) $\frac{1}{2}$ (d) 7

5 $\frac{16}{48} = \frac{....}{3}$

(a) 1 (b) 2 (c) 3 (d) 4

6 $\frac{1}{5}$ + ... = $\frac{1}{2}$

(a) $\frac{1}{3}$ (b) $\frac{2}{7}$ (c) $\frac{3}{10}$ (d) $\frac{1}{5}$

7 $\frac{1}{2} + \frac{6}{8} + 5$ = ...

(a) $5\frac{7}{8}$ (b) $6\frac{1}{8}$ (c) $5\frac{1}{4}$ (d) $6\frac{1}{4}$

8 $\frac{7}{5}$ is called a/an ....

(a) proper fraction (b) mixed number (c) whole number (d) improper fraction

9 $1 - \frac{1}{3} - \frac{2}{3}$ = ...

(a) $\frac{1}{3}$ (b) $\frac{2}{3}$ (c) zero (d) 1



FOLLOW US



10) $1 - \dots\dots = \frac{3}{8}$

(a) $\frac{2}{8}$ (b) $\frac{3}{8}$ (c) $\frac{1}{2}$ (d) $\frac{5}{8}$

11) $\frac{2}{5} + \frac{2}{10} = \dots\dots$

(a) $\frac{3}{5}$ (b) $\frac{7}{10}$ (c) $\frac{5}{10}$ (d) $\frac{1}{2}$

12) $\frac{5}{7} + k = 1\frac{2}{7}$, then k = ……

(a) $\frac{3}{7}$ (b) $\frac{4}{7}$ (c) $1\frac{4}{7}$ (d) $\frac{2}{7}$

Q2: COMPLETE THE FOLLOWING

1) The smallest like denominator for the fractions $\frac{2}{5}$ and $\frac{7}{10}$ is ……10……

2) The two like denominator fractions of $\frac{3}{8}$ and $\frac{2}{3}$ using LCM are $\frac{9}{24}$ … $\frac{16}{24}$

3) The sum of ($\frac{5}{21}$, $\frac{4}{7}$) is $\frac{17}{21}$

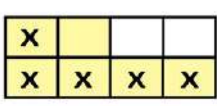
4) If $k - \frac{2}{3} = \frac{3}{7}$, then k = $1\frac{2}{21}$

5) $2 - \frac{2}{3} - \frac{1}{4} = 1\frac{1}{12}$

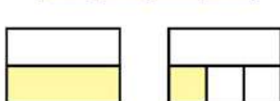
6) $1 + \frac{1}{5} + \frac{3}{4} = 1\frac{19}{20}$

7) If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then the value of k = …12…

8) The subtraction operation represented by the opposite model is $\frac{6}{8} - \frac{5}{8}$



9) The addition operation represented by the opposite models is: $\frac{1}{2}$ + $\frac{1}{6}$ = $\frac{4}{6}$



10) $\frac{7}{8} - \frac{5}{8} = \frac{1}{4}$

11) $\frac{1}{4}$ of 24 = ……6……

12) $\frac{5}{8} = \frac{10}{16} = \frac{15}{24} = \frac{50}{80}$





Q3: ANSWER THE FOLLOWING

1 Sameh bought $\frac{4}{7}$ kilogram of flour and $\frac{1}{3}$ kilogram of sugar. What is the total mass of what Sameh bought?

$\frac{19}{21}$

2 Rehab needs two bottles of oil. If she has a bottle $\frac{3}{5}$ full How much oil will she need to have a full two bottles?

$1\frac{2}{5}$

3 Write the following fraction with like denominators:

(a) $\frac{2}{5}$, $\frac{3}{4}$ (b) $\frac{1}{6}$, $\frac{5}{12}$ (c) $\frac{5}{18}$, $\frac{1}{12}$

$\frac{8}{20}$ $\frac{15}{20}$ $\frac{2}{12}$ $\frac{5}{12}$ $\frac{10}{36}$ $\frac{3}{36}$

4 Marwa spends $\frac{2}{3}$ hour doing her Arabic homework, $\frac{3}{5}$ hour doing the math homework, and 3 hour doing the English homework. Calculate the time she spends doing her homework.

$4\frac{4}{15}$

5 Find the result in the simplest form:

(a) $\frac{3}{4} + \frac{5}{6}$ (b) $\frac{1}{2} - \frac{1}{6}$ (c) $\frac{5}{9} - \frac{1}{2}$

$1\frac{7}{12}$ $\frac{1}{3}$ $\frac{1}{18}$

6 Murad bought 4 kg of oranges, he used $\frac{5}{7}$ kg of them to make juice . Calculate how many kilograms of orange are left?

$3\frac{2}{7}$

7 $\frac{1}{3}$ of the flowers in the school garden are white, $\frac{1}{4}$ are pink and the rest are blue. What fraction represents the blue flowers?

Blue : $\frac{5}{12}$





Q1: CHOOSE THE CORRECT ANSWER

1. $5 - 2\frac{2}{5} = ...$

   (a) $2\frac{3}{5}$ (b) $3\frac{3}{5}$ (c) $2\frac{2}{5}$ (d) $3\frac{2}{5}$

2. If $4\frac{3}{5} + m = 6\frac{2}{5}$, then the value of m = ...

   (a) $1\frac{4}{5}$ (b) $2\frac{1}{5}$ (c) 11 (d) $1\frac{3}{5}$

3. The fraction $3\frac{3}{4}$ by regrouping is ....

   (a) $\frac{14}{4}$ (b) $2\frac{6}{4}$ (c) $1\frac{11}{4}$ (d) $2\frac{5}{4}$

4. $\frac{15}{6} = ...$

   (a) $3\frac{2}{6}$ (b) $2\frac{1}{4}$ (c) $2\frac{1}{2}$ (d) $1\frac{1}{2}$

5. $3\frac{1}{4} + m = 5\frac{1}{2}$, then the value of m = ...

   (a) $1\frac{1}{2}$ (b) $2\frac{1}{2}$ (c) $1\frac{1}{4}$ (d) $2\frac{1}{4}$

6. $3\frac{1}{2} - .... = 1\frac{3}{8}$

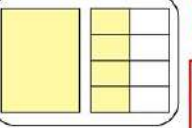
   (a) $2\frac{5}{8}$ (b) $1\frac{1}{8}$ (c) $1\frac{5}{8}$ (d) $2\frac{1}{8}$

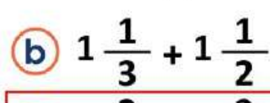
7. The mixed numbers $2\frac{2}{6}$ and $3\frac{6}{8}$ by using a like denominator are .... and ....

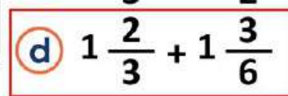
   (a) $2\frac{8}{24}, 3\frac{21}{24}$ (b) $2\frac{5}{8}, 3\frac{6}{8}$ (c) $2\frac{2}{6}, 3\frac{2}{6}$ (d) $2\frac{4}{12}, 3\frac{9}{12}$

8. The addition problem that represents the following model is ....

   (a) $1\frac{1}{3} + 1\frac{2}{3}$ (b) $1\frac{1}{3} + 1\frac{1}{2}$







   (c) $1\frac{2}{3} + 1\frac{1}{2}$ (d) $1\frac{2}{3} + 1\frac{3}{6}$





GRADE 5 - UNIT (9)

9 2 hours and a half = ... minutes.

[a] 150   (b) 140   (c) 135   (d) 120

10 $4\frac{8}{9} + \frac{1}{3} = ... + \frac{2}{9}$

(a) $5\frac{2}{3}$ [b] 5   (c) 4   (d) 3

11 130 minutes = ... hours.

[a] $2\frac{1}{6}$ (b) $2\frac{1}{2}$ (c) $2\frac{1}{4}$ (d) $2\frac{1}{3}$

12 $3\frac{3}{4}$ hour = ... minutes.

(a) 250   [b] 225   (c) 195   (d) 230

13 $1\frac{1}{3}$ year = ... months.

[a] 16   (b) 15   (c) 18   (d) 14

Q2: COMPLETE THE FOLLOWING

1 A fraction whose numerator is greater than its denominator is called a/an .... improper fraction

2 $4\frac{1}{3} - 2\frac{2}{3} = ...1\frac{2}{3}....$

3 $3\frac{12}{11} = 4\frac{1}{11}$

4 $g - 3\frac{2}{5} = 2\frac{3}{5}$, then g = ..6......

5 $1\frac{2}{5} + 1\frac{3}{5} = 3$

6 3 years + 3 months = ..$3\frac{1}{4}$.... years.

7 30 months = ..$2\frac{1}{2}$.... years.

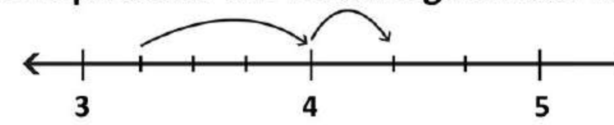
8 5 minutes + 40 seconds = ..$5\frac{2}{3}$.... minutes.

9 48 minutes = ...$\frac{4}{5}$..... hour

10 $5\frac{2}{5} - 4\frac{1}{15} = 1\frac{1}{3}$

11 $1\frac{7}{14} + 2\frac{5}{7} = 4\frac{3}{14}$

12 The subtraction problem that represents the following number line is ..$4\frac{1}{3} - 3\frac{1}{4}$



13 $4\frac{2}{5} = 3\frac{7}{5}$

14 $5\frac{2}{5}$ = ...5..... minutes , ...24..... seconds



15 15 minutes = ...$\frac{1}{4}$..... hours.





Q3: ANSWER THE FOLLOWING

1 Ahmeed Nassr collected $4\frac{1}{4}$ kg of dates, he gave $2\frac{3}{5}$ kg to his friend. How many kilograms are left with Ahmeed Nassr?

......$1\frac{13}{20}$......

2 Find the missing number using any strategy. Simplify, if possible:

ⓐ $15\frac{1}{4} - c = 8$ ...... $7\frac{1}{4}$

ⓑ $4\frac{2}{5} + k = 9\frac{3}{4}$ ...... $5\frac{7}{20}$

3 A tank of water contains $4\frac{4}{5}$ liter of water. Sara used $1\frac{1}{4}$ liters and Murad drank $\frac{3}{4}$ liter, How much of water is left in the tank?

......$2\frac{4}{5}$......

4 Use an area model to add: $1\frac{1}{3} + 3\frac{1}{4} = 4\frac{7}{12}$

		+				

5 Assil had $15\frac{1}{2}$ pounds, she bought a ruler for $4\frac{1}{4}$ pounds and a pen for $5\frac{1}{2}$ pounds. What is the remaining amount with Assil?

......$5\frac{3}{4}$......

6 Mariam spent $3\frac{1}{2}$ hours studying. The next day, she spent $1\frac{1}{2}$ fewer hours than the previous day. How many hours did Mariam spend studying on both days?

......$5\frac{1}{2}$......

7 Kiven spends $2\frac{1}{4}$ hours studying Arabic and 30 minutes more time studying mathematics. How much time does Kiven spend studying mathematics and Arabic?

......Total = 300 minutes = 5 hours......

8 Azz walked $5\frac{2}{3}$ km on Thursday and $2\frac{4}{12}$ km on Friday. How many kilometers did he walk in total over the two days?

8 km



المراجعة رقم (7)

اختبار شهر فبراير





1. Choose the correct answer:

1 If $\frac{5}{7} = \frac{a}{35}$, then a = ...

a. 5 b. 10 c. 25 d. 7

2 $\frac{24}{28} = \frac{......}{7}$

a. 2 b. 4 c. 6 d. 8

3 The fraction $\frac{12}{18}$ in the simplest form is ....

a. $\frac{6}{9}$ b. $\frac{2}{3}$ c. $\frac{1}{3}$ d. 6

4 If $2\frac{1}{2} = 2\frac{4}{m}$, then x = ...

a. 2 b. 4 c. 6 d. 8

5 The L.C.M of the denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is ....

a. 5 b. 25 c. 30 d. 20

6 The smallest like denominators of $\frac{2}{3}$ and $\frac{3}{4}$ is ....

a. 3 b. 4 c. 12 d. 7

7 + = ...

a. $\frac{5}{6}$ b. $\frac{3}{4}$ c. $\frac{2}{6}$ d. $\frac{2}{3}$

8 $\frac{2}{5} + \frac{3}{10} =$ ....

a. $\frac{5}{15}$ b. $\frac{7}{10}$ c. 7 d. $\frac{5}{10}$

9 $\frac{4}{9} + \frac{5}{9} =$ ....

a. $\frac{9}{18}$ b. $\frac{1}{2}$ c. $\frac{8}{8}$ d. 9

10 If $1\frac{7}{14} - k = 1$, then the value of k = ...

a. $\frac{8}{14}$ b. $\frac{1}{2}$ c. $2\frac{7}{14}$ d. $\frac{2}{3}$

11 If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then x = ...

a. 4 b. 3 c. 12 d. 21

Grade 5 – February revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات

12 
$\frac{3}{7} - \text{..........} = \frac{1}{7}$

a. $\frac{1}{7}$ b. $\frac{2}{7}$ c. $\frac{3}{7}$ d. $\frac{4}{7}$

13 $1\frac{2}{5} + 2\frac{3}{5} =$ ....

a. $3\frac{1}{5}$ b. 1 c. 4 d. $\frac{5}{5}$

14 $2\frac{1}{3}$ can be regrouped as ....

a. $\frac{2}{3}$ b. $1\frac{4}{3}$ c. $\frac{5}{3}$ d. $\frac{1}{3}$

15 If $3\frac{2}{3} - b = 1$, then the value of b = ...

a. $4\frac{2}{3}$ b. 2 c. $\frac{2}{3}$ d. 4

16 $5\frac{1}{4}$ .... $5\frac{2}{8}$

a. > b. < c. = d. Otherwise

17 $2\frac{1}{2}$ hours = ... minutes

a. 90 b. 120 c. 150 d. 180

18 $\frac{1}{5}$ hours = ... minutes

a. 30 b. 60 c. 12 d. 20

19 $2\frac{1}{2}$ years = ... months

a. 24 b. 30 c. 36 d. 42

20 $1\frac{1}{8}$ days = ... hours

a. 21 b. 24 c. 27 d. 30

21 $4\frac{3}{4}$ hours = ... hours and .... minutes

a. 4, $\frac{3}{4}$ b. 4, 45 c. 4, 20 d. 4, 30

22 2 hours and 15 minutes = ... minutes

a. 120 b. 135 c. 150 d. 165

2. Answer the following:

1 Write three equivalent fractions for $\frac{2}{5}$

....

2 Use the L.C.M. to find the least common denominator for the fractions $\frac{2}{7}$ and $\frac{1}{3}$

....

3 Rewrite the fractions $\frac{1}{4}$ and $\frac{2}{7}$ using their L.C.M. as the denominator.

....

4 Find the sum by rewriting the fractions with their L.C.M. as the denominator: $\frac{1}{3} + \frac{3}{5}$

....

5 Find the difference by rewriting the fractions with their L.C.M. as the denominator: $\frac{3}{10} - \frac{1}{5}$

....

6 Find the value of the numerical expression by rewriting the fractions using a common denominator $1 - \frac{1}{4} - \frac{1}{6}$

....

7 Find the value of the numerical expression by rewriting the fractions using a common denominator $1 + \frac{7}{10} + \frac{3}{4}$

....

8 On Thursday, Judy walked $\frac{5}{8}$ kilometers. How much distance is left for her to walk a total of 1 kilometer?

....

9 In a field, $\frac{4}{9}$ of the chamomile crop is used to make soap. The remaining part is used for making perfumes. Find the fraction of the crop used for making perfumes

....

10 Ali bought $\frac{1}{6}$ kg of vegetables on Friday and $\frac{5}{8}$ kg on Saturday. What is the total amount of vegetables he bought over the two days?

....



11 Gana drinks $\frac{3}{5}$ liters of milk daily, while her sister Talia drinks $\frac{2}{3}$ liters daily. Find the difference in their milk consumption.

....

12 Find the sum in the simplest form: $2\frac{2}{7} + 1\frac{3}{7}$

....

13 Find the sum in the simplest form: $2\frac{1}{4} + 2\frac{3}{4}$

....

14 Find the sum in the simplest form: $2\frac{3}{6} + 2\frac{5}{6}$

....

15 Find the difference in the simplest form: $5\frac{3}{5} - 2\frac{2}{5}$

....

16 Find the difference in the simplest form: $3 - 2\frac{1}{7}$

....

17 Find the difference in the simplest form: $3\frac{2}{5} - 1\frac{4}{5}$

....

18 Find the sum in the simplest form: $2\frac{3}{8} + 6\frac{3}{4}$

....

19 Find the difference in the simplest form: $9\frac{3}{4} - 8\frac{3}{5}$

....

20 Farida wanted to measure 3 pieces of Egyptian cotton fabric in meters. Their lengths were:

$5\frac{2}{5}\,m$, $3\frac{9}{15}\,m$ and $2\frac{2}{3}\,m$

How can rewrite these mixed numbers using a common denominator?

....

21 Rewrite the mixed number in two different ways:

$5\frac{1}{7}$ = ... = ...

22 Find the unknown value in the simplest form:

$m - 2\frac{5}{8} = 7\frac{3}{8}$

....

23 Find the unknown number and write it in the simplest form:

$a + 5\frac{5}{6} = 9\frac{1}{12}$,then a = ……….

24 Find the unknown number and write it in the simplest form:

$9\frac{6}{10} - c = 4\frac{9}{20}$, then c = ……...

25 Mohammed walked $\frac{1}{4}$ hours on Wednesday and $2\frac{3}{8}$ hours on Thursday. What is the total time he walked over the two days?

……………………………………………………………………………………

26 Wael collected $4\frac{1}{4}$ kg of dates and gave $2\frac{3}{5}$ kg to his friend. How many kilograms does he have left?

……………………………………………………………………………………

27 Hassan needs $5\frac{3}{4}$ kg of flour to make pies. If he already has $2\frac{1}{3}$ kg of flour, how much more flour does he need to buy?

……………………………………………………………………………………

28 Youssef bought $5\frac{1}{3}$ kg of mangoes and $3\frac{1}{4}$ kg of apples. What is the total weight of the fruits he bought?

……………………………………………………………………………………

29 Karim walked $2\frac{1}{5}$ km and Sameh walked $1\frac{1}{3}$ km more. What distance that Sameh walked?

……………………………………………………………………………………

30 Marawan studied Math for 90 minutes and science for 60 minutes How many minutes did Marawan study all?

……………………………………………………………………………………

31 Seif studied Math for $1\frac{1}{2}$ hour and Science for 30 minutes.
How many hours seif study in all?

……………………………………………………………………………………

ELIAS IN MATH

Grade 5 – February revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات

1. Choose the correct answer:

1 If $\frac{5}{7} = \frac{a}{35}$, then a = ...

a. 5 b. 10 c. 25 d. 7

---

2 $\frac{24}{28} = \frac{......}{7}$

a. 2 b. 4 c. 6 d. 8

---

3 The fraction $\frac{12}{18}$ in the simplest form is ....

a. $\frac{6}{9}$ b. $\frac{2}{3}$ c. $\frac{1}{3}$ d. 6

---

4 If $2\frac{1}{2} = 2\frac{4}{m}$, then x = ...

a. 2 b. 4 c. 6 d. 8

---

5 The L.C.M of the denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is ....

a. 5 b. 25 c. 30 d. 20

---

6 The smallest like denominators of $\frac{2}{3}$ and $\frac{3}{4}$ is ....

a. 3 b. 4 c. 12 d. 7

---

7 + = ...

a. $\frac{5}{6}$ b. $\frac{3}{4}$ c. $\frac{2}{6}$ d. $\frac{2}{3}$

---

8 $\frac{2}{5} + \frac{3}{10} =$ ....

a. $\frac{5}{15}$ b. $\frac{7}{10}$ c. 7 d. $\frac{5}{10}$

---

9 $\frac{4}{9} + \frac{5}{9} =$ ....

a. $\frac{9}{18}$ b. $\frac{1}{2}$ c. $\frac{8}{8}$ d. 9

---

10 If $1\frac{7}{14} - k = 1$, then the value of k = ...

a. $\frac{8}{14}$ b. $\frac{1}{2}$ c. $2\frac{7}{14}$ d. $\frac{2}{3}$

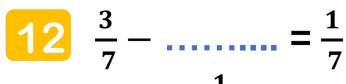
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11 If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then x = ...

a. 4 b. 3 c. 12 d. 21

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات

12  $\frac{3}{7} - \ldots\ldots\ldots = \frac{1}{7}$

a. $\frac{1}{7}$ b. $\frac{2}{7}$ c. $\frac{3}{7}$ d. $\frac{4}{7}$

---

13 $1\frac{2}{5} + 2\frac{3}{5} = \ldots\ldots\ldots$

a. $3\frac{1}{5}$ b. 1 c. 4 d. $\frac{5}{5}$

---

14 $2\frac{1}{3}$ can be regrouped as ……….

a. $\frac{2}{3}$ b. $1\frac{4}{3}$ c. $\frac{5}{3}$ d. $\frac{1}{3}$

---

15 If $3\frac{2}{3} - b = 1$, then the value of b = ……….

a. $4\frac{2}{3}$ b. 2 c. $2\frac{2}{3}$ d. 4

---

16 $5\frac{1}{4}$ ………. $5\frac{2}{8}$

a. > b. < c. = d. Otherwise

---

17 $2\frac{1}{2}$ hours = ………. minutes

a. 90 b. 120 c. 150 d. 180

---

18 $\frac{1}{5}$ hours = ………. minutes

a. 30 b. 60 c. 12 d. 20

---

19 $2\frac{1}{2}$ years = ………. months

a. 24 b. 30 c. 36 d. 42

---

20 $1\frac{1}{8}$ days = ………. hours

a. 21 b. 24 c. 27 d. 30

---

21 $4\frac{3}{4}$ hours = …….. hours and …….. minutes

a. 4, $\frac{3}{4}$ b. 4, 45 c. 4, 20 d. 4, 30

---

22 2 hours and 15 minutes = ………. minutes

a. 120 b. 135 c. 150 d. 165

---

2. Answer the following:

1 Write three equivalent fractions for $\frac{2}{5}$

$\frac{4}{10}, \frac{6}{15}, \frac{8}{20}$

2 Use the L.C.M. to find the least common denominator for the fractions $\frac{2}{7}$ and $\frac{1}{3}$

L.C.M = 21

3 Rewrite the fractions $\frac{1}{4}$ and $\frac{2}{7}$ using their L.C.M. as the denominator.

$\frac{7}{28}, \frac{8}{28}$

4 Find the sum by rewriting the fractions with their L.C.M. as the denominator: $\frac{1}{3} + \frac{3}{5}$

$\frac{5}{15} + \frac{9}{15} = \frac{14}{15}$

5 Find the difference by rewriting the fractions with their L.C.M. as the denominator: $\frac{3}{10} - \frac{1}{5}$

$\frac{3}{10} - \frac{2}{10} = \frac{1}{10}$

6 Find the value of the numerical expression by rewriting the fractions using a common denominator $1 - \frac{1}{4} - \frac{1}{6}$

$\frac{12}{12} - \frac{3}{12} - \frac{2}{12} = \frac{7}{12}$

7 Find the value of the numerical expression by rewriting the fractions using a common denominator $1 + \frac{7}{10} + \frac{3}{4}$

$\frac{20}{20} + \frac{14}{20} + \frac{15}{20} = \frac{49}{20} = 2\frac{9}{20}$

8 On Thursday, Judy walked $\frac{5}{8}$ kilometers. How much distance is left for her to walk a total of 1 kilometer?

$\frac{8}{8} - \frac{5}{8} = \frac{3}{8} km$

9 In a field, $\frac{4}{9}$ of the chamomile crop is used to make soap. The remaining part is used for making perfumes. Find the fraction of the crop used for making perfumes

$\frac{9}{9} - \frac{4}{9} = \frac{5}{9}$

10 Ali bought $\frac{1}{6}$ kg of vegetables on Friday and $\frac{5}{8}$ kg on Saturday. What is the total amount of vegetables he bought over the two days?

$\frac{4}{24} + \frac{15}{24} = \frac{19}{24}$ kg

11 Gana drinks $\frac{4}{5}$ liters of milk daily, while her sister Talia drinks $\frac{2}{3}$ liters daily. Find the difference in their milk consumption.

$\frac{12}{15} - \frac{10}{15} = \frac{2}{15}$ liters

12 Find the sum in the simplest form: $2\frac{2}{7} + 1\frac{3}{7}$

$3\frac{5}{7}$

13 Find the sum in the simplest form: $2\frac{1}{4} + 2\frac{3}{4}$

$4\frac{4}{4} = 5$

14 Find the sum in the simplest form: $2\frac{3}{6} + 2\frac{5}{6}$

$4\frac{8}{6} = 5\frac{2}{6} = 5\frac{1}{3}$

15 Find the difference in the simplest form: $5\frac{3}{5} - 2\frac{2}{5}$

$3\frac{1}{5}$

16 Find the difference in the simplest form: $3 - 2\frac{1}{7}$

$\frac{6}{7}$

17 Find the difference in the simplest form: $3\frac{2}{5} - 1\frac{4}{5}$

$1\frac{3}{5}$

18 Find the sum in the simplest form: $2\frac{3}{8} + 6\frac{3}{4}$

$8\frac{9}{8} = 9\frac{1}{8}$

19 Find the difference in the simplest form: $9\frac{3}{4} - 8\frac{3}{5}$

$1\frac{3}{5}$

20 Farida wanted to measure 3 pieces of Egyptian cotton fabric in meters. Their lengths were:

$5\frac{2}{5}\,m$, $3\frac{9}{15}\,m$ and $2\frac{2}{3}\,m$

How can rewrite these mixed numbers using a common denominator?

$5\frac{6}{15}\,m, 3\frac{9}{15}\,m$ and $2\frac{10}{15}\,m$

21 Rewrite the mixed number in two different ways:

$5\frac{1}{7} = 4\frac{8}{7} = 3\frac{15}{7}$

22 Find the unknown value in the simplest form:

$m - 2\frac{5}{8} = 7\frac{3}{8}$

$9\frac{8}{8} = 10$

23 Find the unknown number and write it in the simplest form:

$a + 5\frac{5}{6} = 9\frac{1}{12}$,then a = $3\frac{1}{4}$

24 Find the unknown number and write it in the simplest form:

$9\frac{6}{10} - c = 4\frac{9}{20}$, then c = $5\frac{3}{20}$

25 Mohammed walked $\frac{1}{4}$ hours on Wednesday and $2\frac{3}{8}$ hours on Thursday. What is the total time he walked over the two days?

$\frac{2}{8} + 2\frac{3}{8} = 2\frac{5}{8}$ hours

26 Wael collected $4\frac{1}{4}$ kg of dates and gave $2\frac{3}{5}$ kg to his friend. How many kilograms does he have left?

$4\frac{5}{20} - 2\frac{12}{20} = 3\frac{25}{20} - 2\frac{12}{20} = 1\frac{13}{20}$ kg

27 Hassan needs $5\frac{3}{4}$ kg of flour to make pies. If he already has $2\frac{1}{3}$ kg of flour, how much more flour does he need to buy?

$5\frac{9}{12} - 2\frac{4}{12} = 3\frac{5}{12}$ kg

28 Youssef bought $5\frac{1}{3}$ kg of mangoes and $3\frac{1}{4}$ kg of apples. What is the total weight of the fruits he bought?

$5\frac{4}{12} + 3\frac{3}{12} = 8\frac{7}{12}$ kg

29 Karim walked $2\frac{1}{5}$ km and Sameh walked $1\frac{1}{3}$ km more. What distance that Sameh walked?

$2\frac{3}{15} + 1\frac{5}{15} = 3\frac{8}{15}$ km

30 Marawan studied Math for 90 minutes and science for 60 minutes How many minutes did Marawan study all?

90 + 60 = 150 minutes

31 Seif studied Math for $1\frac{1}{2}$ hour and Science for 30 minutes.

How many hours seif study in all?

$1\frac{1}{2} + \frac{1}{2} = 1\frac{2}{2} = 2$ *hours*

ELIAS IN MATH

المراجعة رقم (8)

اختبار شهر فبراير





Q1: Choose the correct answer :-

1 The L.C.M of the denominators of $\frac{7}{12}$ and $\frac{5}{18}$ is ----------

(a) 12 (b) 36 (c) 18 (d) 6

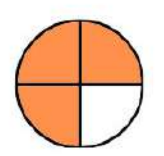
2 The smallest like denominator of $\frac{1}{6}$ and $\frac{4}{5}$ is ----------

(a) 5 (b) 4 (c) 30 (d) 6

3 Which of the following is not equivalent to $\frac{15}{20}$?

(a) $\frac{3}{4}$ (b) $\frac{30}{40}$ (c) $\frac{25}{100}$ (d) $\frac{9}{12}$

4 The two like denominator fractions represent the models are ------------




(a) $\frac{3}{4}$, $\frac{1}{3}$ (b) $\frac{6}{8}$, $\frac{2}{8}$ (c) $\frac{8}{12}$, $\frac{4}{12}$ (d) $\frac{9}{12}$, $\frac{4}{12}$

5 [model] + [model] = ----------

(a) $\frac{2}{3}$ (b) $\frac{3}{4}$ (c) 1 (d) $\frac{5}{6}$

6 [model] - [model] = ----------

(a) $\frac{3}{6}$ (b) $\frac{1}{2}$ (c) $\frac{1}{3}$ (d) $\frac{5}{6}$

7 $4\frac{3}{5} \neq$ ----------------

(a) $8\frac{6}{10}$ (b) $4\frac{6}{10}$ (c) $\frac{23}{5}$ (d) $3\frac{8}{5}$

8 $\frac{3}{4} - \frac{3}{5}$ = ---------------

(a) $\frac{3}{20}$ (b) $\frac{1}{20}$ (c) 0 (d) $\frac{6}{20}$

9 $\frac{5}{12} + \frac{1}{6}$ = ---------------

(a) $\frac{3}{12}$ (b) $\frac{1}{6}$ (c) $\frac{7}{12}$ (d) $\frac{4}{12}$

10 If b - $\frac{5}{7}$ = $\frac{1}{4}$, then b = ------------

(a) $\frac{27}{28}$ (b) $\frac{13}{28}$ (c) $\frac{1}{4}$ (d) $\frac{5}{7}$

11 If $\frac{7}{14}$ + K = 1 , then K = ------------

(a) $\frac{8}{14}$ (b) $\frac{5}{14}$ (c) $\frac{1}{2}$ (d) $\frac{5}{7}$

12 If $\frac{11}{16}$ - a = $\frac{1}{4}$, then the value of a is ------------

(a) $\frac{8}{16}$ (b) $\frac{7}{16}$ (c) $\frac{10}{12}$ (d) $\frac{6}{6}$

13 If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then x = --------------

(a) 3 (b) 4 (c) 7 (d) 12

14 If $3\frac{2}{3}$ - x = 1 , then x = ----------

(a) 2 (b) $2\frac{2}{3}$ (c) $\frac{2}{3}$ (d) $3\frac{2}{3}$

15 The fraction $2\frac{1}{4}$ by regrouping is -------------

(a) $2\frac{5}{4}$ (b) $1\frac{5}{4}$ (c) $\frac{5}{4}$ (d) $1\frac{2}{4}$

16 $\frac{5}{6} - \frac{3}{5}$ = ---------------

(a) $\frac{8}{30}$ (b) $\frac{9}{20}$ (c) $\frac{7}{30}$ (d) $\frac{3}{4}$

17 $\frac{1}{4} + \frac{1}{3}$ = ---------------

(a) $\frac{2}{7}$ (b) $\frac{2}{12}$ (c) $\frac{7}{7}$ (d) $\frac{7}{12}$

18 Equivalent fraction of $\frac{2}{8}$ is ------------

(a) $\frac{4}{8}$ (b) $\frac{2}{4}$ (c) $\frac{1}{4}$ (d) $\frac{4}{10}$

19 The smallest like denominator of $\frac{1}{3}$ and $\frac{5}{8}$ is ----------

(a) 3 (b) 8 (c) 24 (d) 48

20 $1 - \frac{1}{3} - \frac{1}{5}$ = ----------

(a) $\frac{7}{20}$ (b) $\frac{7}{15}$ (c) $\frac{12}{17}$ (d) $\frac{5}{8}$

21 [rectangle divided into 3 parts, 1 shaded] + [rectangle divided into 2 parts, 1 shaded] = --------------

(a) $\frac{1}{3} + \frac{1}{3}$ (b) $\frac{1}{2} + \frac{1}{2}$ (c) $\frac{1}{2} + \frac{1}{3}$ (d) 3 + 2

22 $\frac{3}{7}$ - ---------- = $\frac{1}{7}$

(a) $\frac{4}{7}$ (b) $\frac{2}{7}$ (c) $\frac{1}{7}$ (d) 1

23 $\frac{2}{4}$ is equivalent to ----------

(a) $\frac{5}{8} - \frac{1}{4}$ (b) $\frac{7}{8} - \frac{1}{4}$ (c) $\frac{5}{6} - \frac{1}{3}$ (d) $1 - \frac{5}{8}$

24 $5\frac{5}{8} - 3\frac{2}{8}$ = -------------

a) $8\frac{2}{8}$ b) $2\frac{1}{4}$ c) $\frac{2}{8}$ d) $2\frac{3}{8}$

25 $1\frac{2}{5} + 2\frac{3}{5}$ = -------------

a) 5 b) 6 c) 4 d) $3\frac{5}{10}$

26 If $3\frac{4}{7} - x = 2\frac{1}{7}$, then x = ----------

a) 1 b) $1\frac{3}{7}$ c) $\frac{3}{7}$ d) $1\frac{5}{7}$

27 $k - 2\frac{1}{3} = 1\frac{1}{3}$, then k = ------------

a) $3\frac{2}{3}$ b) $3\frac{1}{3}$ c) $1\frac{2}{3}$ d) $2\frac{2}{3}$

28 $\frac{19}{5}$ is equivalent to ------------

a) $3\frac{3}{5}$ b) $4\frac{1}{5}$ c) $3\frac{5}{5}$ d) $3\frac{4}{5}$

29 $5\frac{1}{4}$ - ----------- = $3\frac{1}{2}$

a) $1\frac{3}{4}$ b) $4\frac{3}{4}$ c) $\frac{3}{4}$ d) $8\frac{3}{4}$

30 $2\frac{1}{3}$ can be regrouped as ------------

a) $1\frac{4}{3}$ b) $\frac{3}{7}$ c) $1\frac{2}{3}$ d) 7

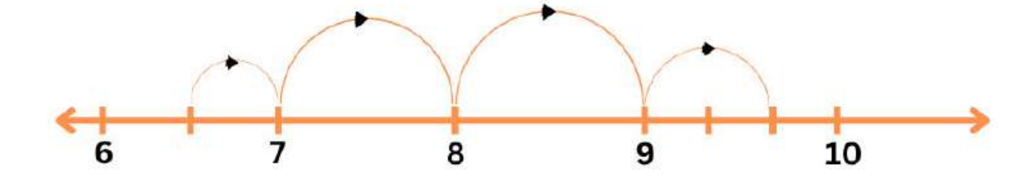
31 $2\frac{1}{7}$ + ---------- = 5

(a) $2\frac{6}{7}$ (b) $2\frac{1}{7}$ (c) $\frac{6}{7}$ (d) $1\frac{6}{7}$

32 $2\frac{3}{4} - 1\frac{1}{2}$ = ------------

(a) $1\frac{1}{4}$ (b) $1\frac{1}{2}$ (c) $\frac{3}{4}$ (d) $4\frac{1}{4}$

33 The opposite number line represents ....



(a) $9\frac{2}{3} - 6\frac{1}{2}$ (b) $9\frac{2}{3} + 6\frac{1}{2}$

(c) $2\frac{5}{6} + 6\frac{1}{2}$ (d) $6\frac{1}{2} - 2\frac{5}{6}$

34 $a + 5\frac{5}{6} = 9\frac{1}{12}$, then a = ------------

(a) $4\frac{4}{12}$ (b) 4 (c) $3\frac{1}{4}$ (d) $4\frac{9}{12}$

35 Which of the following is incorrect ?

(a) $3\frac{3}{4} = 2\frac{7}{4}$ (b) $2\frac{5}{8} = \frac{21}{8}$

(c) $1\frac{2}{3} = \frac{5}{3}$ (d) $1\frac{3}{4} - 1\frac{1}{2} = 1\frac{1}{4}$

36 1 - ---------- = $\frac{5}{8}$

(a) $\frac{5}{8}$ (b) $\frac{3}{8}$ (c) $\frac{6}{8}$ (d) $\frac{8}{7}$

37 $k + 5\frac{2}{7} = 6\frac{5}{7}$, then k = ------------

(a) $11\frac{7}{7}$ (b) $1\frac{3}{7}$ (c) $4\frac{3}{7}$ (d) $5\frac{1}{7}$

38 $2\frac{1}{4}$ years = ---------- months

(a) 27 (b) 54 (c) 135 (d) 180

39 Two fractions $3\frac{2}{3}$ and $5\frac{1}{6}$ with Like denominators are -------

(a) $3\frac{2}{3}$ and $5\frac{1}{6}$ (b) $\frac{2}{3}$ and $\frac{1}{6}$ (c) $3\frac{4}{6}$ and $5\frac{1}{6}$ (d) $3\frac{2}{3}$ and $5\frac{2}{6}$

40 $2\frac{3}{5}$ + ---------- = $3\frac{1}{4}$

(a) $1\frac{1}{4}$ (b) $1\frac{4}{5}$ (c) $\frac{13}{20}$ (d) $1\frac{2}{5}$

41 $2\frac{1}{3}$ hours = ---------- minutes

(a) 150 (b) 120 (c) 130 (d) 140

42 $\frac{17}{3}$ is equivalent to -----------

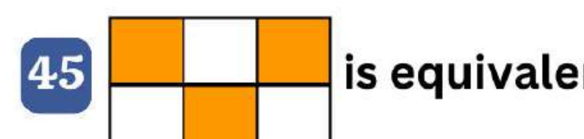
(a) $3\frac{1}{6}$ (b) $7\frac{1}{2}$ (c) $3\frac{2}{5}$ (d) $5\frac{2}{3}$

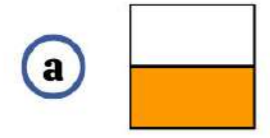
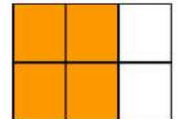
43 $1\frac{5}{8} + 2\frac{7}{12} + \frac{1}{4}$ = -------------

(a) $3\frac{7}{12}$ (b) $4\frac{5}{6}$ (c) $4\frac{7}{12}$ (d) $4\frac{11}{24}$

44 $2\frac{4}{5} + 1\frac{3}{10} - 1\frac{1}{2}$ = -----------

(a) $3\frac{2}{5}$ (b) $2\frac{6}{10}$ (c) $\frac{6}{5}$ (d) $4\frac{11}{24}$

45  is equivalent to --------------

ⓐ  ⓑ ⓒ  ⓓ 

46 $\frac{7}{8} - \frac{2}{3}$ = ---------------

ⓐ $\frac{5}{5}$ ⓑ $\frac{5}{20}$ ⓒ $\frac{5}{8}$ ⓓ $\frac{5}{24}$

47 $\frac{2}{3} + \frac{1}{5}$ = ---------------

ⓐ $\frac{3}{8}$ ⓑ $\frac{13}{15}$ ⓒ $\frac{3}{15}$ ⓓ $\frac{7}{8}$

Q2: Complete the following : -

1 The L.C.M of the denominators of $\frac{3}{5}$ and $\frac{5}{14}$ is ------------

2 The L.C.M of the denominators of $\frac{1}{3}$ and $\frac{5}{12}$ is ------------

3 The smallest like denominator of $\frac{2}{3}$ and $\frac{3}{4}$ is -----------

4 $\frac{3}{5} + \frac{1}{2}$ = ---------------

5 1 - ------------ = $\frac{5}{7}$

6 If $y + \frac{2}{5} = \frac{3}{5}$, then y = ------------

7 $6\frac{2}{3}$ - ----------- = $4\frac{1}{2}$

8 ------------ - $4\frac{3}{4}$ = $2\frac{3}{5}$

9 ------------ + $2\frac{5}{7}$ = $4\frac{3}{14}$

10 $7\frac{3}{8}$ + ----------- = $9\frac{1}{4}$

11 $\frac{2}{3}$ minute = ----------- seconds

12 $\frac{1}{6}$ day = ----------- hours

13 $2\frac{1}{2}$ hours = ----------- minutes

14 $2\frac{1}{2}$ years = ----------- months

15 $6\frac{1}{2}$ years = ----------- years and ----------- months

16 2 hours and 15 minutes = ------------ minutes

Q3: Answer the following :-

1 Write the following fractions with like denominators: $\frac{2}{3}$ and $\frac{3}{8}$

....

....

....

2 Rewrite the given mixed numbers with like denominators in two different ways.

$$1\frac{3}{4} \quad \text{and} \quad 1\frac{6}{15}$$

(a) First Rewrite .... and ....

(b) Second Rewrite .... and ....

3 Maha took $2\frac{1}{3}$ hours to paint a table and $1\frac{1}{4}$ hours to paint a chair. How much time did she take in all ?

....

....

4 Marwan studied Math for $2\frac{1}{2}$ hours and Science for 90 minutes. How many hours did Marwan study in all ?

....

....

5 Sameh ate $1\frac{3}{4}$ kg of fruits, Bassem ate $\frac{1}{5}$ kg more than Sameh and Wael ate $\frac{1}{2}$ kg less than Sameh.
How many kg of fruits did the three friends eat together ?

....

....

6 Adam walked $2\frac{1}{5}$ km and Sameh walked $1\frac{1}{3}$ km more. What distance that Sameh walked ?

....

....

7 Sameh painted $\frac{1}{6}$ of the wall in red and $\frac{3}{4}$ of the same wall in blue. Draw a visual model to represent that and color it, then write the colored fractions of the wall in the same denominator.

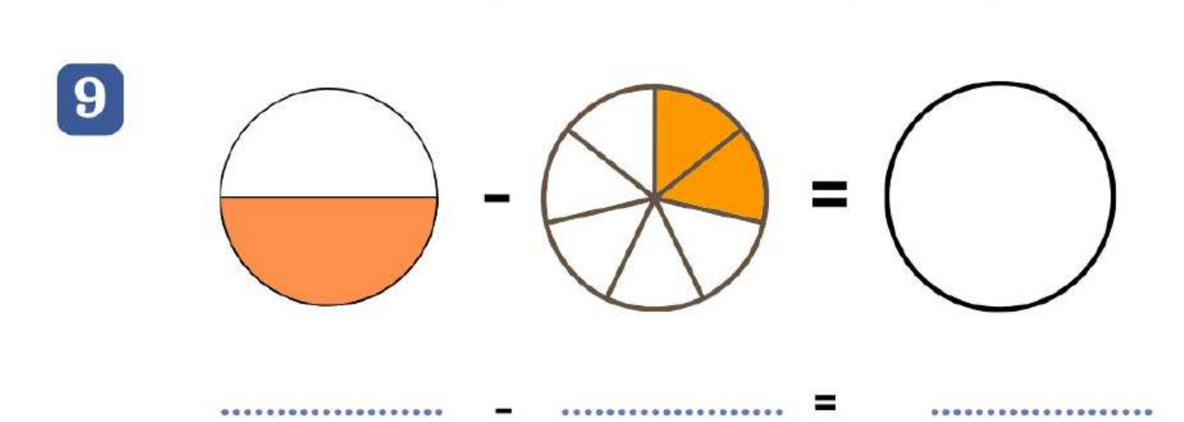
....

....

....

8

9



.... + ... = ...

.... - .... = ...

10 Ahmed bought $\frac{5}{7}$ kilogram of grapes. He used $\frac{2}{3}$ kilogram of grapes to make a juice. How much kilogram are left ?

....

....

11 Mona has $\frac{1}{2}$ kg of flour. She used $\frac{2}{5}$ kg of it.
What is the rest with her ?

....

....

....

12 Karim walked $\frac{1}{4}$ km and Sameh walked $\frac{1}{3}$ km more,
What distance that Sameh walked ?

....

....

....

13 Evaluate by rewriting the fractions with like denominators.

(a) $\frac{3}{4} + \frac{5}{12}$ ....

(b) $\frac{6}{7} - \frac{3}{14}$ ....

14 Evaluate each expression by rewriting the fractions with like denominator.



(a) $\frac{2}{3} + \frac{5}{7}$ ....

(b) $1 - \frac{1}{4} - \frac{2}{3}$ ....

15 Find the value of k

(a) $\frac{3}{4} = \frac{k}{20}$ ....

(b) $k + \frac{1}{3} = \frac{5}{6}$ ....

16 karim walked $\frac{1}{5}$ km and Sameh walked $\frac{1}{3}$ km more .
What distance that Sameh walked ?

....

....

17

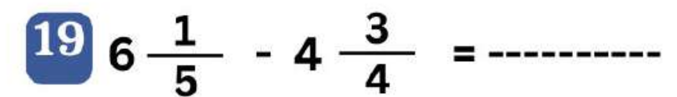
+ =

.... + ... = ...

18 Evaluate each sum or difference. Simplify if possible.

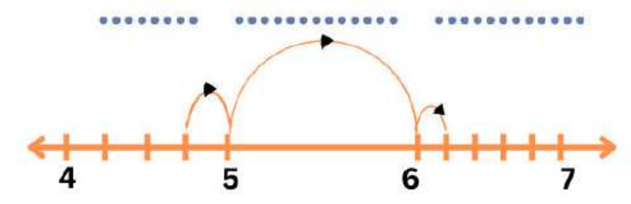
ⓐ $1\frac{3}{5} + 3\frac{1}{5}$ = ...

ⓑ $5\frac{2}{7} - 3\frac{4}{7}$ = ...



19 $6\frac{1}{5} - 4\frac{3}{4}$ = ----------

....



20 $1\frac{3}{4} - \frac{1}{2}$ = ----------



21 $1\frac{3}{4} + 2\frac{1}{2}$ = --------------

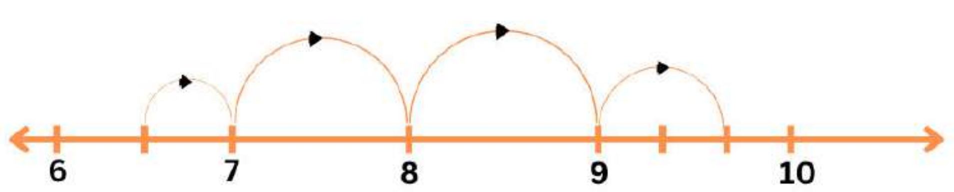


22 $2\frac{3}{5} + 1\frac{1}{2}$ = --------------



23 Use a number line to find the difference.

$9\frac{2}{3} - 6\frac{1}{2}$ = --------------



24 Gina walked $1\frac{1}{2}$ km and Amany walked $2\frac{2}{5}$ km more.
How many km did Amany walk ?

....

....

25 Samira has $2\frac{2}{5}$ kg of flour . She used $1\frac{1}{5}$ kg to make sugar cake . Find the remainder amount of flour ?

....

....

(خالص الأمنيات وبدوام التوفيق للجميع)



كيفية طباعة صفحات معينة من ملف معين



مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9

خطوة 1

خطوة 2 اختيار اسم الطابعة بتاعتك

خطوة 3 كتابة الصفحات المراد طباعتها نكتب رقم 4 ثم نكتب الشرطة دي – ثم نكتب 9

خطوة 4 اختيار نوع الورق

خطوة 5 اختيار A4

خطوة 6